# ELECTRICAL WEST

**Part II**

April 1953
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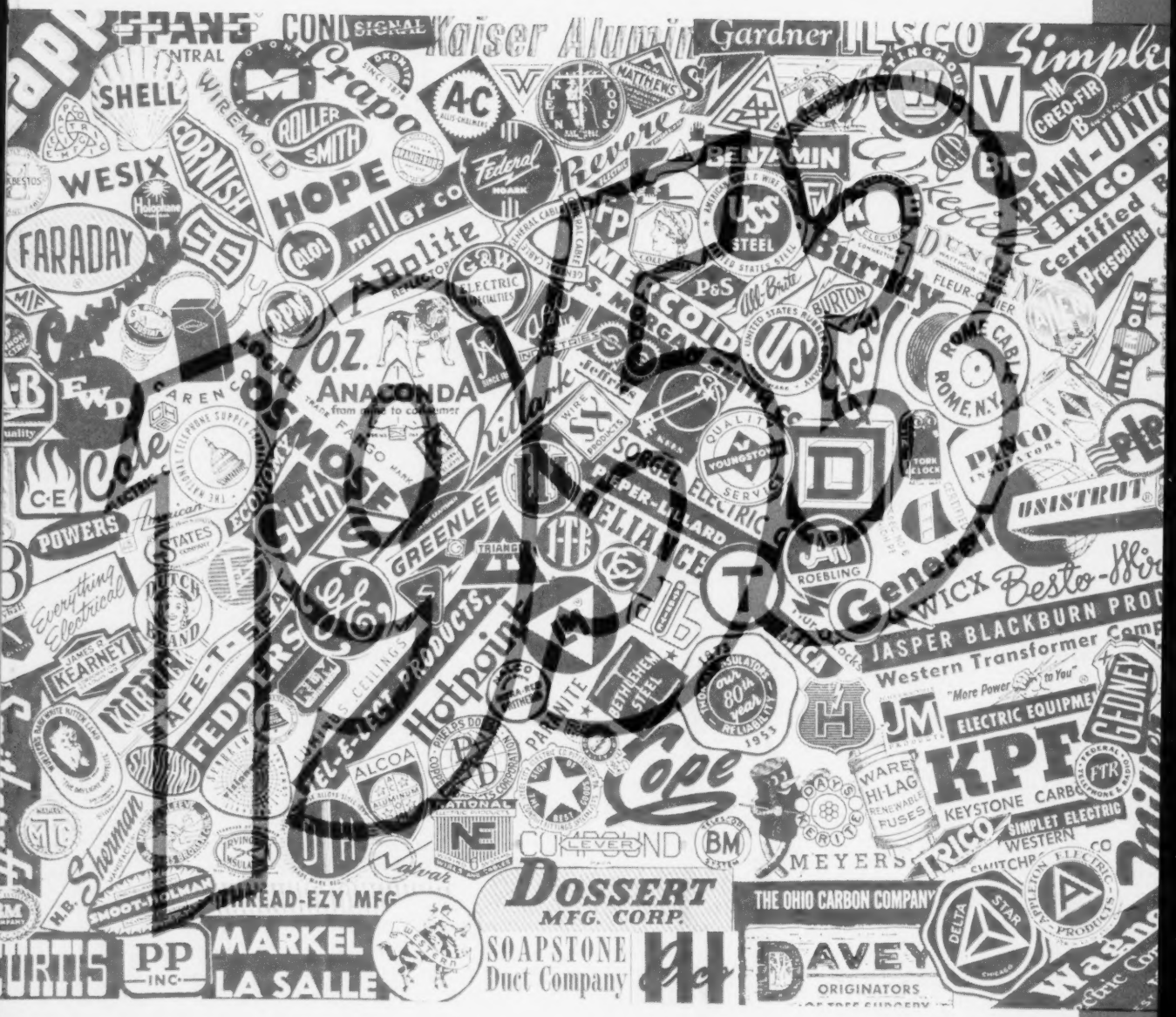



## Manufacturers' Directory Issue

# For the West Coast

# It's KEARNEY EQUIPMENT

## Engineered to do the Job Better!

**TRIP-O-LINK FUSE CUTOUT**

Rating 5,000 to 15,000 Volts — 50-100 Amperes. Single shot provides positive low cost insurance against transformer burnout, and needless circuit interruptions. An original Kearney design.

**TRIP-O-LINK TRIP SAVER CUTOUT**
**2 Shot Reclosing Type**

Rating 5,000 to 15,000 Volts — 50 Amperes. Automatically recloses the interrupted circuit through the reserve fuse — restores service and eliminates service trips.

**TRIP OUT FUSE CUTOUT**

Rating 5,000 to 69,000 Volts — 100-200 Amperes. A rugged, heavy duty fuse cutout built to interrupt the high short circuit currents of modern day distribution and transmission lines.

**TRIP SAVER FUSE CUTOUT**

Rating 5,000 to 34,500 Volts — 100-200 Amperes. Positive continuous sequence of action resets automatically, eliminates costly service interruptions.

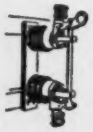
**TRIP-O-MATIC FUSE CUTOUT**

Rating 5,000 to 7,500 Volts — 50-100 Amperes. Isolates service interruptions and protects expensive distributing equipment. Simplicity of the tripping mechanism makes it possible to clear either low overloads or heavy short circuits with equal facility.

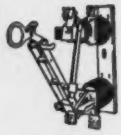
**KEARNEY FUSE LINKS FOR BETTER FUSING COORDINATION**

In the manufacturing process of Kearney Fuse Links, a continuous series of tests and inspections by experienced engineers results in a high degree of accuracy and uniformity.

**HOOK-OPERATED DISCONNECT SWITCH**



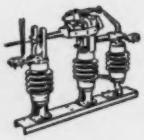
Ratings 7,500 to 69,000 Volts — 200-600 Amperes. Made of field tested material of the highest quality. Kearney Hook-Operated Disconnect Switches offer you trouble-free performance for isolating substation equipment and feeder lines.



**REGULATOR BY-PASS DISCONNECT SWITCH**

Rating 7,500 to 15,000 Volts — 200-600 Amperes. With Kearney Regulator By-Pass Switches safe switching sequence is automatic, eliminating the hazards of opening the wrong disconnect; takes care of four distinct switching operations in safe, logical order.

**GROUP-OPERATED DISCONNECT SWITCH**



Rating 7,500 to 69,000 Volts—200-400-600 Amperes. Available in Tilting and Rotating Insulator type—adaptable to single or multiple pole application. Proven to be long-lasting and dependable.

**Ultra High Pressure Disconnect Switch**

Available in 600 Amps., all standard ratings 7.5 to 69 KV inclusive. The low-operating temperature of this revolutionary design means longer service life. Write for bulletin 6-25 for more detailed information.

**Reduce Your Connector Cost By 50% With The NEW Kearney SQUEEZON**

The Kearney Squeezon is a completely new type connector that eliminates contact corrosion. Features higher electrical and mechanical efficiency. Write today for the big 8-page booklet with complete information.

**NEW Kearney AIRSEAL**
**For Greater Permanent Protection to ALL Connections**

Kearney AIRSEAL is a pliable, high-dielectric compound, chemically inert, which when applied to connections forms a permanent seal against high resistance contamination. Write for complete information and prices.

**For Power Factor Correction or Voltage Improvement—Use Kearney SHUNT CAPACITORS**

Kearney Shunt Capacitors are designed to fit all standard mounting racks—they are made with extra heavy wet process porcelain bushings and a welded sheet steel case. Kearney Capacitors are packed in a special protective shipping rack that guarantees factory fresh receipt and easier installation.

*For Prices and Information Contact*

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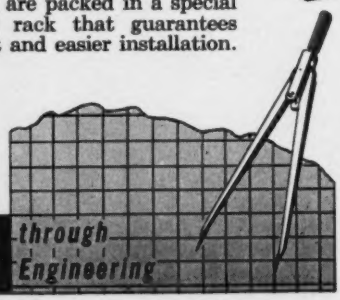


**KEARNEY** *Gives a Little More for a Little Less*

# DIRECTORY of MANUFACTURERS

Alphabetical listing of manufacturers of electrical equipment, showing their principal Western offices and sales representatives. ● Every manufacturer operating in this territory is privileged to be included without charge. While this Directory is as accurate and complete as the publishers could make it, ELECTRICAL WEST assumes no responsibility for errors or ommissions. **PAGES 1 - 53.**

**WHERE-TO-BUY IN THE WEST**—Alphabetical listing of various electrical products, showing Western sources. **PAGES 54 - 70.**

**DIRECTORY OF APPLIANCE SERVICE AND REPAIR PARTS**—A listing of electrical appliance manufacturers' Western service stations and parts depots. **PAGES 76 - 92.**

**DIRECTORY OF REPRESENTATIVES**—A listing by states and cities of manufacturers' representatives handling electrical lines. **PAGES 71 - 75.**

**A-B STOVES DIV.**, Detroit-Mich. Stove Co., 24th St., Battle Creek, Mich.—Eric F. Chemnitz, 1355 Market St., San Francisco; R. L. Baldwin (Crescent Sales Co.), 440 Seaton St., Los Angeles 23; Earl E. Eckstrom & Associates, 2601 Second Ave., Seattle.

**ABOLITE LIGHTING** (a Division of Jones Metal Products Co.) See under Jones.

**ACCESSORIES MFG. CO.**, 705 McGee St., Kansas City, Mo.—Keeler, White Co., 615 7th St., San Francisco; 436 Colyton St., Los Angeles; 1041 6th Ave. S., Seattle and 322 N. W. Fourth, Portland.

**ACCURATE MANUFACTURING CO.**, 44 Hepworth Place, Garfield, N. J.—F. J. Airey Co., 1513-1515 S. Mateo St., Los Angeles; Wm. H. Gribble, 201 Pacific Bldg., San Francisco; Electric Agencies, 618 Second Ave., Seattle; Wynne Snoots Co., 2nd Unit Santa Fe Bldg., Dallas, Tex.

**ACCURATE SPRING MFG. CO.**, 3811 W. Lake St., Chicago, Ill.—E. Jordan Brookes Co., 7 Front St., San Francisco; 5138 W. Jefferson Blvd., Los Angeles, and 3104 Smith Tower, Seattle 4.

**ACWIRE PRODUCTS CORP.**, 100 Fox St., New Haven 13, Conn.—Electrical Industries, 560 Ninth St., San Francisco.

**ACE COMPANY**, 112 W. Washington St., Ocala, Florida—Wm. E. Salling, 1046 S. Olive, Los Angeles; F. E. Bennet Co., 426 Northwest Sixth Ave., Portland; Murry Jacobs Co., 528 First Ave. South, Seattle 4; Murry Sales Co., 18 Wazee Market, Denver 4.

**ACHESON COLLOIDS CO.**, 1661 Washington Ave., Port Huron, Mich.—C. L. Haserot, 3344 Medford Ave., Los Angeles 8, Calif.

**ACME ELECTRIC CORPORATION**, Cuba, New York—E. N. Hughes, 1709 West 8th St., Los Angeles; H. George Shefler, 240 So. First Ave., Phoenix; K. B. Schumann, 814 12th St., Denver.

**ACME ELECTRIC HEATING CO.**, 1217 Washington St., Boston, Mass. — Braun-Knecht-Heimann Co., 1400 Sixteenth St., San Francisco.

**ACME ELECTRIC WELDER**, 2618 Fruitland Road, Los Angeles 58, Calif.—Ralph B. Lundy, 1063 Howard St., San Francisco; J. E. Haseltine Co., 2nd & Ash Sts., Portland; 510 First Ave. South, Seattle and N. 1101 Division St., Spokane; Arizona Welding Equip. Co., 815 East Broadway, Tucson, Ariz., and 415 South 7th St., Phoenix, Ariz.

**ACME GAUGE & INSTRUMENT CO. INC.**, 30 Main St., Brooklyn 1, N.Y.—Jensen Instrument, 420 Market St., San Francisco and 1919 Beverly Blvd., Los Angeles.

**ACME LIGHTING & MFG. CO.**, 949-955 East 31st St., Los Angeles 11, Calif—Peerlite Mfg. & Supply, 178 5th St., San Francisco; Sunlight Elec. Supply, 444 5th Ave., San Diego; E. W. Ross, Jr., 2637 Perkins Lane, Seattle 99; Elec'l Contractors Supply, 950 S. First St., Pocatello, Ida.

**ACME LITE PRODUCTS CO.**, 350 E. 182nd St., New York City—Electri-Cal, 5455 Hollywood Blvd., Los Angeles; E. Russell White, 2535 N. E. 37th Ave., Portland.

**ACME PRODUCTS CORP.**, 212 S. 3rd, St. Joseph 5, Mo.—Calif. Ultraviolet Co., 420 Market St., San Francisco.

**ACME STEEL CO.**, 2840 Archer Ave., Chicago, Ill.—Branch offices: F. Middleton, Mgr., 750 Second St., San Francisco; S. J. Johnson, V.P. Western Area; W. F. Tucker, Mgr., 4903 Pacific Blvd., Los Angeles, and E. P. Naumes, Mgr., Portland and Seattle.

**ACORN INSULATED WIRE CO., INC.**, 36 Freeman St., Pawtucket, Rhode Island—Keeler, White Co., (in following cities) 615 Seventh St., San Francisco; 436 Colyton St., Los Angeles; 322 N. W. Fourth Ave., Portland 9; 1041 Sixth Ave., South, Seattle; 204 Keith Bldg., Denver; S. 121 Madison St., Spokane.

**ACRO SWITCH DIV.**, The Aero Mu Switch Div., 2040 E. Main, Columbus, Ohio—Fred F. Alleman, 1709 W. 8th St., Los Angeles; Kierluff & Co., 820 Olympic Blvd., Los Angeles; R. H. Fisher Sales Co., 30 Harriet St., San Francisco; W. D. Brill Co., 198 10th St., Oakland; C. B. Parsons, 3028 First Ave., Seattle; H. G. Shefler, P. O. Box 1587, Phoenix; C. P. Elliot, 3020 S. Cherry St., Denver.

**ADALET MFG. COMPANY**, 14300 Lorain Ave., Cleveland 11, Ohio Myers Elec. Products, Inc., 2365 East 57th St., Los Angeles 58, Calif.

**ADAM ELECTRIC CO., FRANK**, 3650 Windsor Place, St. Louis, Mo.—Columbia Electric Mfg. Co., 275 Steuart St., San Francisco; Myers Elec. Products, Inc., 2365 E. 57th St., Los Angeles 11; F. E. Staible & Sons, 2046 Arapahoe St., Denver 2; Thermal Engineering Co., Box 466, Salt Lake City; and P.O. Box 902, Boise, Idaho; Wm. O. Proby & Associates, 522 First Ave. South, Seattle 4; 121 South Madison, Spokane and 135 Northwest Park Ave., Portland.

**ADAMS & WESTLAKE CO.**, 1025 N. Michigan St., Elkhart, Ind.—The A. W. Nash Co., 2112 S. Atlantic Blvd., Los Angeles 22; C. B. Parsons & Co., 3028 First Ave., Seattle.

**ADAPTI COMPANY**, The, 2996 E. 72nd St., Cleveland, Ohio—J. M. Chapman Co., 290 9th St., San Francisco and 2216 First Ave., Seattle 1; H. George Shefler Company, P. O. Box 1587, Phoenix; L. D. Hood Sales Agency, P. O. Box 2751, Lakewood, Colo.

**ADJUSTABLE FIXTURE CO.**, 104 E. Mason St., Milwaukee 2, Wis.—Leading electrical wholesalers, all cities.

**ADMIRAL CORPORATION**, 3800 Cortland St., Chicago, Ill.—Cunningham Distributing, Inc., 220 W. Marquette, Albuquerque; Golden State Appl. Dist. Co., 274 Brannan St., San Francisco and 242 S. Anderson St., Los Angeles; Admiral San Diego Dist. Division Inc., 1270 Columbia St., San Diego; Jensen-Byrd Co., 314 Riverside Ave., Spokane; Billings Wholesale Radio, 260 Fulton St., Fresno; Allied Appliances, Inc., 26 Wazie Market, Denver.

**ADVANCE ELECTRIC & RELAY CO.**, 2435 N. Naomi St., Burbank, Calif.—Harold L. Newnan, 420 Market St., San Francisco; Paul Wiley, 1406 S. Grand Ave., Los Angeles; Ronald G. Bowen, 446 Broadway, Denver; Samuel N. Stroum, 1612 Broadway, Seattle; C. E. Fisher, 8568 Washington Blvd., Culver City, Calif.

**ADVANCE TRANSFORMER CO.**, 1122 West Catalpa Ave., Chicago 40, Ill.—Ray J. Noel Co., 3301 Trinity St., Los Angeles.

**AEROLITE ELECTRONIC HDWE. CORP.**, 507 26th St., Union City, N.J.—C. H. Mitchell Co., 1221 W. 11th St., Los Angeles.

**AEROLUX LIGHT CORP.**, 653 11th Avenue, New York N. Y.—Brass & Copper Specialties, 576 South Alexandria Ave., Los Angeles 15; Edw. F. Colcock, 604 Terminal Sales Bldg., Seattle 1.

**AERO-MOTIVE MFG. CO.**, 1803 Alcott St., Kalamazoo, Mich.—R. R. Petrie, 1423 S. Hill, Los Angeles; Denham Sales, 538 Polk St., San Francisco; A. J. Thomas, 1018 S. E. 8th Ave., Portland; Benton Forrest, 138 W. 12th, Denver.

**AEROVENT FAN CO., INC.**, 700 E. Ash St., Piqua, Ohio—Sharpe Eng. Co., 1017 E. Washington Blvd., Los Angeles 14; George E. Mead, 501 Arctic Bldg., Seattle 4; Mead & Associates, 317 W. Alder, Portland.

**AEROVOX CORP.**, 740 Belleville Ave., New Bedford, Mass.—W. C. Hitt Co., 1355 Market St., San Francisco, and 1169 S. Broadway, Los Angeles; Wm. H. Connors, 5532 E. Colfax, Denver; George G. Willison, 1832 W. Alabama, Houston.

**AGASTAT Div. American Gas Accumulator Co.**, 1030 Newark Ave., Elizabeth 3, N. J.—Western Electro Mechanical Co., 300 Broadway, Oakland.

**AIR CONTROLS, INC.**, 2310 Superior Ave., Cleveland, Ohio—O. C. Hatch, 8200 15th St. N.E., Seattle; H. A. Weller, 3411 N.E. Hassalo St., Portland; F. T. Clifford, 29 S. State, Salt Lake City.

**AIRCRAFT-MARINE PRODUCTS, INC.**, 2100 Paxton St., Harrisburg, Penna.—Branch Offices: A. deLaet, Mgr., 634 6th St., San Francisco; O. W. Holmes, 3138 W. El Segundo Blvd., Hawthorne, Calif.; Ray M. Gibboney, 106 N. Carroll Ave., Dallas. Agents: Northwestern Agencies, 4130 First Ave. So., Seattle.

**AIR FILTER CORP.**, 108 No. Water St., Milwaukee, Wis.—Harold W. Frederick Co., P.O. Box 186, Spokane 8; Burke & Co., 2902 Hyde Park Blvd., Los Angeles; E. H. Langdon, 72 Vine St., Seattle; H. W. McKenzie, 100 Northwest Holloday, Portland.

**AIROLITE COMPANY**, Westview Avenue, Marietta, Ohio—George Hatch, 4169 Verdugo Road, Los Angeles 65; Harold B. Gibbs, 1650 Jones St., San Francisco; Fryer-Knowles, 1718 Broadway, Seattle; W. H. Cress Co., 306 Concord Bldg., Portland; Harry I. Davis, 718 S. Carlisle Ave., Albuquerque, L. W. Worthington, 2916½ First Ave. N., Billings; Williams, Gritton & Wilde, 204 Dooly Bldg., Salt Lake City; Colo. Builders Supply, 1534 Blake St., Denver; Maloney Specialties, 823 W. Laurel St., San Diego; A. C. Baechlin, 2033 N. 40th St., Phoenix.

**AIRMASTER CORPORATION**, 4817 Ravenswood Ave., Chicago 13, Ill.—O'Keefe, Inc., 55 11th St., San Francisco 3.

**AIR-RAY ELECTRIC FURNACE**, P. O. Box 549, Puyallup, Wash.

**AIR-WAY ELECTRIC APPLIANCE CORP.**, 2101-2115 Auburn Ave., Toledo 1, Ohio—Factory Branches: 717 Market St., San Francisco, Calif.; 2500 West Sixth St., Los Angeles; 3759 9th St., Riverside; 260 Spreckels Bldg., San Diego; 2013 Chester Ave., Bakersfield; 1044 Fulton St., Fresno; 1216 State St., Santa Barbara; 1017 S.W. Washington St., Portland; 109 Virginia St., Seattle; W. 905 Riverside Ave., Spokane; 1410 Idaho St., Boise; 409 Dooly Bldg., Salt Lake City; 2331 No. 7 St., Phoenix.

**AJAX CONDENSER CO.**, 932 Wrightwood Ave., Chicago, Ill.—Branch, 10905 Chandler Blvd., No. Hollywood, Calif.

**AJAX ELECTRIC CO., INC.**, 932 Frankford Ave., Philadelphia, Penna.—T. E. Nicklas, 1119 No. 3rd St., Temple, Texas; A. W. Nash, 2112 S. Atlantic Blvd., Los Angeles 22; H. E. Hartley, 2203 31st Ave., South Seattle 44; Samson Sales, 420 Market St., San Francisco.

**AJAX ELECTROTHERMIC CORP.**, Ajax Park, Trenton, N. J.—E. A. Wilcox Co., 277 7th St., San Francisco; J. Max Lee, 839 E. 4th St., Los Angeles 13.

**AJAX FLEXIBLE COUPLING CO., INC.**, Westfield, N. Y.—Samson Sales, 420 Market St., San Francisco; A. W. Nash, 2112 S. Atlantic Blvd., Los Angeles 22; Haultain-Champion Co., 320 East 8th St., Oakland 6; J. S. Thurlow, 607 Jones Bldg., Seattle 1.

**ALABAMA MFG. CO.**, 1st Ave. No. & 13th St., Birmingham, Ala.—Fred C. McGavock, 1516 N. E. Schuyler, Portland; C. W. McKnight and E. B. Smith, 3700 Abrams Road, Dallas 14. Sold thru leading distributors all principal cities.

**ALBERTSON & CO., Inc.**, 3100 Lowell Ave., Sioux City, Iowa—C. C. Beebe, 2058 W. 78th Place, Los Angeles; M. E. Dear, 2218 42d Ave. S.W., Seattle; E. T. Jacobsen, 9204 S. La Reina Ave., Downey, Calif.; H. W. Tott, 249 Cherrywood St., San Leandro, Calif.; Frank Orr, 22 So. Ogden, Denver.

**ALBERTSON ELECTRIC CO.**, 3530 W. Pierce St., Milwaukee, Wis.—Through distributors all leading cities.

**ALCO VALVE CO.**, 865 Kingsland Ave., St. Louis 5, Mo.—Pacific Scientific Co., (in following cities) 25 Stillman St., San Francisco; 1430 Grande Vista Ave., Los Angeles; 1915 First Ave. So., Seattle; Terminal Sales Bldg., Portland.

**ALCOR MANUFACTURING CO.**, 4444 W. Roosevelt Road, Chicago, Ill.—S. Borkvist, 6216 Laird Ave., Oakland, Calif.; Kirshenbaum Bros., 825 E. Olympic Blvd., Los Angeles.

**ALL-BRIGHT ELECTRIC PRODUCTS CO.**, 3917 No. Kedzie, Chicago, Ill.—Bruce W. Stiles, Construction Bldg., Dallas, also thru wholesalers in electrical field.

**ALLEGHENY LUDLUM STEEL CORP.**, 2020 Oliver Bldg., Pittsburgh, Penna.—Branch offices: 5333 E. Slauson Ave., Los Angeles 22; 36 Berry St., San Francisco 7; 1927 First Ave., South, Seattle.

**ALLEN MANUFACTURING CO.**, 133 Sheldon St., Hartford, Conn.—Paul Pick, 24 California St., San Francisco; George Newton, 817 So. San Pedro, Los Angeles.

**ALLEN COMPANY, INC., L. B.**, 6710 Bryn Mawr, Chicago, Ill.—H. B. Squires Co., 156 Eighth St., San Francisco; George P. Wilcox, 2330 W. 3rd St., Los Angeles 5; E. C. Coffin Co., 1661 East 48th St., South, Salt Lake City; Steel Service & Supply, 514 National Bldg., Seattle 4. (See adv., p. 2).

**ALLEN-BRADLEY CO.**, 136 W. Greenfield Ave., Milwaukee, Wis.—Campbell & George, 379 Brannan St., San Francisco; H. D. Easterbrook, 1264 S. Boyle Ave., Los Angeles 23; Young Electric Mfg. & Supply Co., 2134 Curtis St. Denver; C. E. Klaus, 1004 S.E. Belmont, Portland 14 and 2605 Western Ave., Seattle 1; James A. Setchell, 301 West G St., San Diego, Calif.

**ALLEN & OLSEN MFG. CO.**, 4230 Del Rey Ave., Venice, Calif.—The Chas. Meier Co., 1473 Harrison St., San Francisco; J. E. Shull & Son, 3601 Whittier Blvd., Los Angeles.

**ALLEN VENTILATOR DIV.**, 704 Woodward, Rochester, Mich. (See under Production Planning Co.)


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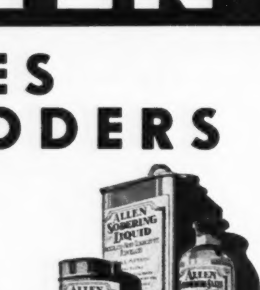


REPRESENTATIVES

SAN FRANCISCO
H. B. Squires
156 Eighth Street
San Francisco 3
Phone MArket 1-2422

LOS ANGELES
George P. Wilcox Company
2330 West 3rd Street
Los Angeles 5
Phone PRospect 1165

SALT LAKE CITY
E. C. Coffin Co.
1661 E. 48th South
Salt Lake City 7

SEATTLE
Steel Service and Supply Co.
514 National Building
Seattle 4
Phone MAin 6168

L. B. ALLEN CO. INC. 6710 Bryn Mawr Ave. Chicago 31, Illinois


**ALLIANCE MFG. CO.**, Lake Park Blvd., Alliance, Ohio—George D. Norris, 3010 First Ave., Seattle; John Tubergen Company, 2232 W. 11th St., Los Angeles; H. George Shefler, P. O. Box 1587, Phoenix; Wm. O'Connor, 5532 E. Colfax, Denver; E. L. Berman Co., 758 Natoma St., San Francisco 3.

**ALLIED CONTROL COMPANY, INC.**, 2 East End Ave., New York City—Douglas H. Loukota, 6137 York Blvd., Los Angeles; James J. Backer, 2321 Second Ave., Seattle; Wm. J. Purdy Co., 79 Ninth St., San Francisco.

**ALLIED ELECTRICAL MFG. CORP.** (See John W. Miller & Associates, Inc.)

**ALLIED ELECTRIC PRODUCTS. INC.**, 68-98 Coit St., Irvington 11, N. J.—Branch Office: Harry Martin, Branch Mgr., 1755 Glendale Blvd., Los Angeles. Agents: E. L. Berman Co., 1355 Market St., San Francisco; George D. Norris Co., 3010 First Ave., Seattle; Allen B. Carpenter Co., 820 Twelfth St., Denver 4.

**ALLIS-CHALMERS MFG. CO.**, 1126 So. 70th St., Milwaukee, Wis. — A. J. Schmit, Manager Pacific Region, 41 Sutter St., San Francisco; District offices: James A. Longley, Manager, 650 Harrison St., San Francisco; Richard L. Engel, Mgr., 417 So. Hill St., Los Angeles; W. J. Myers, rep. 747 Ninth Ave., San Diego; U. E. Sandelin, Manager, 520 S.W. 6th Ave., Portland; S. C. Bacon, Mgr., 1318 4th Ave., Seattle; B. A. Seare, Manager, 136 So. Main, Salt Lake City; W. D. Nesbeitt, Mgr., West 428 Riverside, Spokane; W. C. Kinnon, 45 W. Jefferson, Phoenix; J. E. Despins, Mgr., corner Oregon & Mills Sts., El Paso; J. L. Pratt, Manager Southwest Region, 1802 Main St., Dallas.

**ALLIS CO., LOUIS**, 427 E. Stewart St., Milwaukee, Wis.—The Louis Allis Co., 970 Tennessee St., San Francisco; J. B. Colesworthy, 1709 W. 8th St., Los Angeles; Caskey Engineering Co., 1786 First Ave. So., Seattle; Chas. E. Klaus, 1004 S.E. Belmont St. Portland.

**ALL-STEEL EQUIPMENT, INC.**, Griffith Ave., Aurora, Ill.—Robert R. Prussia, 224 Harriet St., San Francisco 3; The Sanderlin Co., 129 First Ave. W., Seattle 99; Kenneth B. Schumann Co., 814 Twelfth St., Denver 4; The Jim Randall Co., 1330 N. Industrial, Dallas.

**ALPHA METALS, INC.** P.O. Box 34, Bergen Station, Jersey City 4, N. J.—E. L. Berman Co., 758 Natoma St., San Francisco.

**ALPHA WIRE CORP.**, 430 Broadway, New York City—Perlmuth-Colman & Associates, 1335 So. Flower St., Los Angeles 15, and 420 Market St., San Francisco; George D. Norris Co., 3010 First Ave., Seattle 1; Dick Hyde, 3879 Tennyson St., Denver.

**ALTON MFG. CO.**, 1112 Ross Ave., Dallas, Tex.—George Hatch Co., 4169 Verdugo Road, Los Angeles.

**ALTORFER BROS. COMPANY**, 812 W. Washington St., Peoria, Ill.—Branch Offices: E. P. Becker, Div. Mgr., 1127 Wilshire Blvd., Los Angeles; F. D. Wallace, Dist. Mgr., 866 Adelaide Dr., Pasadena. Distributors: McCormack & Co., 450 9th St., San Francisco; Mountain States Distributors, 622 So. State, Salt Lake City; Appliance Wholesalers, Portland; Columbia Dist. Corp., Seattle; Albert Mathias & Co., El Paso; R. E. Harris, Inc., San Diego; Horn & Cox, Inc., Los Angeles; Allied Appliances, Inc., Denver; Taylor Distributing Co., Inc., Spokane.

**ALUMINUM COMPANY OF AMERICA**, Alcoa Bldg., Pittsburgh, Penna.—Branch Offices: Howard W. Flye, District Manager, 615 Russ Bldg., San Francisco 4; C. R. Boyle, Dist. Mgr., 108 West 6th St., Los Angeles 14; J. C. Smith, Dist. Mgr., 1411 Fourth Ave. Bldg., Seattle; F. S. Smith, Dist. Mgr., 1115 U. S. Nat'l Bank Bldg., Portland 4. Distributors: Graybar Elec. Co., General Elec. Supply Co., Westinghouse Elec. Supply Co., all principal cities.

**ALUMINUM GOODS MFG. CO.**, Washington St., Manitowoc, Wis.—Branch Office: M. C. Hermann, Mgr., 125 King St., San Francisco 7; N. A. Frasch, 820 O'Farrell St., San Francisco; C. F. Beste, 11473 Riverwood Road, Portland 1; R. W. Wick, 382 W. Palm St., Altadena, Calif.; F. J. Bennett, 1626 Logan St., Denver 5.

**ALUMINUM INDUSTRIES, INC.**, 2438 Beekman St., Cincinnati 25, Ohio—J. C. Failor, 422 E. Chevy Chase Dr., Glendale 5, Calif.; Northwest Factory Agents, 201 Lenora St., Seattle 1; Leslie McDonald, 4619 Henderson St., Seattle 8; Warren & Bailey Co., 350 S. Anderson St., Los Angeles 33; Jack Cooper, 55 Sheridan St., San Francisco 3.

**AMANA REFRIGERATION, INC.**, Amana, Iowa—Regional Sales Manager, J. J. Pollon, 12238 Cantura St., North Hollywood, Calif. Sold thru electrical wholesalers all principal cities.

**AMERICAN AIR FILTER COMPANY**, 215 Central Ave., Louisville, Ky.—Branch offices: 6175 York Blvd., Los Angeles and 225 Bush St., San Francisco; Harry H. Herman, 1228 California St., Denver; Richards-Conant, 2415 15th St., Denver; Boyd Engineering Co., Inc., in following cities 718 N. Stanton St., El Paso; 112 W. Granite Ave., Albuquerque; 1600 W. Jefferson, Phoenix; R. E. Chase Co., in the following cities: 2332 E. 11th St., Tacoma; 907 Terminal Sales Bldg., Portland; 414 Times Square Bldg., Seattle.

**AMERICAN BLOWER CORP.**, 8111 Tireman Ave., Dearborn, Mich.—West Coast Plant, 1900 First Ave., San Leandro, Calif. Branch Offices: 625 Market St., San Francisco 5; 816 W. Fifth St., Los Angeles 17; 7th Floor Bus Terminal Bldg., Denver 2; R. D. Morse, 1305 Republican St., Seattle 9; W. S. Turner & Co., Pacific Bldg., Portland 4; Williams, Gritton & Wilde, 204 Dooly Bldg., Salt Lake City 1; Boyd Engineering Co., Inc., 112 W. Granite Ave., Albuquerque; 1600 W. Jefferson, Phoenix; 718 N. Stanton St., El Paso.

**AMERICAN BRASS CO.**, American Metal Hose Branch—698 South Main St., Waterbury 20, Conn.—F. Somers Peterson Co., 524 Folsom St., San Francisco 5, and 413 East 12th St., Los Angeles 15; Hendrie & Bolthoff Co., 1635 17th St., Denver 2; Metals Supply Co., 121 Motor Ave., Salt Lake City; Graybar Electric Co., Inc., and Westinghouse Elec. Supply, all principal cities.

**AMERICAN CONDENSER CO.**, 4410 N. Ravenswood Ave., Chicago, Ill.—Marsbank Sales Co., 672 S. Lafayette Park Place, Los Angeles.

**AMERICAN ELECTRIC CABLE CO.**, 181 Appleton St., Holyoke, Mass.—American Industrial Sales Co., 2104 N. E. 13th St., Portland, Ore.; Albert Jayne, 5430 McComas St., Dallas Tex.; Jerry Shane & Associates, 1509-11 W. Seventh St., Los Angeles 17.

**AMERICAN ELECTRIC SWITCH CORP.**, Minerva, O.—Northwestern Agencies, 4130 First Ave., South Seattle; McLoughlin Co., 811 East 14th Place, Los Angeles.

**AMERICAN ELECTRICAL HEATER CO.**, 6110 Cass Ave., Detroit, Mich.—Claude Michael Agency, 703 W. Ivy St., Glendale 4, Calif.

**AMERICAN ENGINEERING CO.**, 2446 Aramingo Ave., Philadelphia Pa.—F. E. Bennett Co., 426 N. W. 6th, Portland; Cordes Brothers, 34 Davis St., San Francisco; Alexander Gow, Inc., 505 Central Bldg., Seattle 4.

**AMERICAN FLEXIBLE CONDUIT CO.**, 31 Scott St., New Bedford, Mass. — Henger-Seltzer, 120 So. Hewitt St., Los Angeles.

**AMERICAN FLEXIBLE COUPLING CO.** (Sales office under ZURN WESTERN SERVICES INC.) Erie, Pa.—Branch offices: W. G. Ballantyne West Coast supervisor, 1215 N. W. Everett St., Portland; Charles A. Fowler Co., 889 Bryant St., San Francisco; Newton R. Crum, 7823 State St., Huntington Park; Sam F. Patterson, 1717 West Austin St., Seattle; Andrew T. Lobel, 1700 Fifteenth St., Denver; H. H. Kumler Company, 2419 South Blvd., Houston.

**AMERICAN-FORT PITT SPRING DIV.**, Union Spring Mfg. Co., New Kensington, Pa.—Branch Offices: George E. Swett, 256 Mission St., and c/o Gil Moore & Co., 714 W. Olympic Blvd., Los Angeles; C. M. Lovsted & Co., 4000 W. Marginal Way, Seattle; R. Taylor, 1077 S. Main St., Salt Lake City.

**AMERICAN GENERAL THERMOSTAT CORP.**, 2060 Bronx St., New York City—R. Sydney Hopkins, 4855 Elmwood Ave., Los Angeles.

**AMERICAN LAVA CORP.**, Cherokee Bvld. and Mfgr.'s Road, Chattanooga, Tenn.—Electrical Material Co., 5603 N. Huntington Dr., Los Angeles 32; John A. Green Co., 6815 Oriole Dr., Dallas, 4215 Graustark Station, Houston.

**AMERICAN LIGHTING EQUIPMENT CO.**, 713 N. Highland St., Los Angeles, Calif. — Panama Lamp & Commercial Co., 325 Ninth St., San Francisco.

**AMERICAN MACHINE & METALS, INC.** (De Bothezat Fans Div.), 48 Thomas St., East Moline, Ill.—Branch: 1201 Folsom St., San Francisco; Hubert Kaub, 1025 Santa Fe Dr., Denver.

**AMERICAN METAL HOSE** — See American Brass Co.

**AMERICAN METAL MOULDING CO.**, 146 Coit St., Irvington, N. J. —O. W. Coombs Co., 1026 So. Olive St., Los Angeles, and 21 So. Park, San Francisco; A. S. Knight Co., 3006 Western Ave., Seattle; L. D. Hood Sales Agency, P.O. Box 7651, Lakewood, Colo.

**AMERICAN METAL PRODUCTS CO.**, 4901 Marsalis Ave., Fort Worth, Texas—A. C. Patterson, 1315 East Seventh St., Los Angeles 21.

**AMERICAN MICROPHONE CO.**, 370 S. Fair Oaks Ave., Pasadena 1, Calif.—Neely Enterprises, 7422 Melrose Ave., Hollywood 45; W. H. Connor, 1590 Eudora St., Denver; Burt C. Porter Co., 4310 Roosevelt Way, Seattle 5.

**AMERICAN PHENOLIC CORP.**, 1830 So. 54th Ave., Chicago 50, Ill.—James P. Hermans, 1234 Folsom St., San Francisco 3; Marshank Sales Co., 672 So. Lafayette Park Place, Los Angeles 5; Ronald G. Bowen, 852 Broadway, Denver 3; Don H. Burcham Co., 917 South West Oak St., Portland 5.

**AMERICAN RELAY & CONTROLS, INC.**, 4901 W. Flournoy St., Chicago 44, Ill.—Herb Becker, 1140 Crenshaw Blvd., Los Angeles; H. George Shefler Co., 240 S. First Ave., Phoenix.

**AMERICAN SCREW CO.**, 1662 W. Main, Willimantic, Conn.—Howe Tool & Drill Co., 2578 West St., Oakland, Calif.

**AMERICAN SINTERED ALLOYS, INC.**, Clark Bldg., West Hartford, Conn.—George S. Koch Associates, 420 Market, San Francisco.

**AMERICAN STEEL & IRON WORKS**, 5801 S. Lowe Ave., Chicago, Ill.— Andrey Co., Inc., 2479 Fletcher Dr., Los Angeles; West Pacific Sales Co., 1825 S. W. 6th Ave., Portland and 127 W. Mercer, Seattle.

**AMERICAN STEEL & WIRE DIV., U. S. Steel Co.**, 822 Rockefeller Bldg., Cleveland, Ohio—Columbia Geneva Steel Div. U.S. Steel Co., in following cities: Russ Bldg., San Francisco; 2087 E. Slauson Ave., Los Angeles; 2345 N.W. Nicolai St., Portland; 1331 Third Ave. Bldg., Seattle; Walker Bank Bldg., Salt Lake City 1.

**AMERICAN STRUCTURAL PRODUCTS**—(See Hemingray.)

**AMERLINE, INC.**, 1644 No. Honore St., Chicago, Ill.—Harvey M. Balch & Co., 1206 S. Maple Ave., Los Angeles.

**AMPERITE CO., INC.**, 561 Broadway, New York City.—D. C. Wallace, 1206 Maple Ave., Los Angeles; J. E. Smith, 505 No. Ervay St., Dallas.

**AMPEREX ELECTRONIC CORP.**, 25 Washington St., New York City—Conrad R. Strassner, 1865 N. Western Ave., Los Angeles; Ron Merritt, 217 9th Ave. North, Seattle; John A. Green Co., 6815 Oriole Dr., Dallas; Allen I. Williams, 1009 17th St., Denver.

**AMPEX ELECTRIC CORP.**, 934 Charter St., Redwood City, Calif. Graybar Electric Co., Inc., all principal cities. B. Crosby Enterprises, Inc., 9030 Sunset Blvd., Los Angeles; G. M. Popkey Co., Inc., 1201 Howard St., San Francisco; Jack C. Arbuckle, 2330 Kern St., Fresno; United Radio Supply, Inc., 22 N. W. 9th Ave., Portland 9; Western Electronic Supply, 717 Dexter Ave., Seattle; Standard Supply, 531 S. State St., Salt Lake City; Kierulff Sound Corp., 820 W. Olympic Blvd., Los Angeles 15.

**AMPLEX CORP.**, 111 Water St., Brooklyn, N. Y.—Ray J. Noel, 3301 Trinity St., Los Angeles; Wm. Benndorff, P. O. Box 1926, Phoenix; Garrett M. Lowman, 568 1st Ave. S., Seattle; Nelson English, 1231 N. W. Hoyt, Portland; Omer Cox Co., Rialto Bldg., San Francisco 5; L. S. Reed, 1018 Lawrence St., Denver 4.

**ANACONDA WIRE & CABLE COMPANY**, Executive and Sales Headquarters, 25 Broadway, New York 4; Manufacturing and Engineering Headquarters, Hastings-on-Hudson 6, New York. E. A. Casey, Hastings-on-Hudson 6, N. Y.; A. W. Tracy, District Manager, 807 Architects Bldg., Los Angeles 17; R. L. Hayward, District Manager, 111 Sutter St., San Francisco 4; L. M. Wolfe, District Manager, 953 Stewart Building, Seattle 1; K. G. Eaton, District Manager, 706 Railway Exchange Building, Denver 2.

**ANCHOR MANUFACTURING CO.**, 30 Huntington Ave., Boston, Mass.—Robert R. Prussia, 224 Harriet St., San Francisco 3; The Agencies Co., 836 Traction Ave., Los Angeles; Muth-Richards Co., 2605 Western Ave., Seattle 1; Chas. E. Klaus, 1004 S. E. Belmont, Portland; L. S. Reed & Co., 1018 Lawrence St., Denver; A. J. Eiggren & Son Co., 428 South West Temple, Salt Lake City. J. E. Rogers, 102 Thomas Bldg., Dallas.

**ANCHOR RADIO CORP.**, 2215 S. St. Louis Ave., Chicago, Ill.—Don H. Burcham, 917 S. W. Oak St., Portland; E. L. Berman, 758 Natoma, San Francisco; Lee H. Owen, 2331 W. Washington, Los Angeles.

**ANCHOR WEBBING CO.**, Pawtucket, R. I.—Western Fiberglas Supply, Ltd., 739 Bryant St., San Francisco, and 937 So. Grand Ave., Los Angeles.

**ANDALE COMPANY**, 1604 Arch St., Philadelphia, Penna.—Oliver B. Lyman, 55 New Montgomery St., San Francisco.

**ANDERSON MFG. COMPANY**, Albert & J. M., 289 A St., Boston, Mass.—Industrial Eng. & Equip. Co., 417 So. Hill, Los Angeles; North Pacific Electric Agencies, 615 Lloyd Bldg. Seattle

**ANDERSON BRASS WORKS, INC.**, 700 44th St. North, Birmingham, Ala.—Waltham, DeWitt & Krusi, 632 Monadnock Bldg., San Francisco; Industrial Eng. & Equipment Co., 417 So. Hill, Los Angeles; D. H. Laudin Co., 1127 E. Northlake, Seattle 5.

**ANEMOSTAT CORP. OF AMERICA**, 10 E. 39th St., New York City—Williams, Gritton & Wilde, 204 Dooly Bldg., Salt Lake City 1.

**ANGELL MANUFACTURING CO.**, 1070 E. Monument Ave., Dayton 1, Ohio—Mervyn D. Silbersten Co., 2375 N. Point, San Francisco 23; A. R. Dankworth, Inc., 1414 W. Seventh St., Los Angeles 17.

**ANSONIA WIRE & CABLE CO.**, 63 Main St., Ansonia, Conn.—J. T. Hill Sales Co., 800 West 11th St., Los Angeles; Malcolm C. Jafferies, 2378 Woodland Ave., San Jose, Calif.; W. G. Mills Co., S. 1206 McClellan St., Spokane; Muth-Richards Co., 700 5th Ave. South, Seattle.

**ANTHONY CO., F. M.**, 2022 Oakland Ave., Piedmont 11, Calif.

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**APPLETON ELECTRIC COMPANY**, 1701 W. Wellington, Chicago 13, Ill.—Branch Offices: A. W. Rockwell, Pacific Coast Mgr., 655 Minna St., San Francisco; Elmer Aldridge, 100 N. Santa Fe Ave., Los Angeles; Leo N. Kepler, 4804 N. E. 103rd Ave., Portland 20; R. J. Lidgate, 115 Ray St., Seattle 9; 124 Jersey Street, Denver.

**APPLETON RUBBER COMPANY**, 57 Cornwall St., Boston 30, Mass. —Robert R. Prussia Co., 224-226 Harriet St., San Francisco; George Kraft Co., 1501 N. W. Kearney St., Portland.

**APPLIANCE MFG. CO.**, Alliance, Ohio—See Duchess Co.

**ARCOS CORPORATION**, 1500 S. 50th St., Philadelphia, Penna.—Branch Office: 123 S. Santa Fe Ave., Los Angeles 12; J. E. Haseltine Co., 115 S.W. Second Ave., Portland; 510 First Ave. S., Seattle, and N. 1101 Division St., Spokane; Industrial Supply Co., 1647 N. Second St., Albuquerque; Consolidated Welding Supply, 747 Grand Ave., Phoenix.

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**ARMCO DRAINAGE & METAL PRODUCTS, INC.**, 7th and Parker Sts., Berkeley, and 6155 So. Malt Ave., Los Angeles.

**ARMATURE COIL EQUIPMENT, INC.**, 2605 Vega Ave., Cleveland, O.—Insulation and Wires, Inc., 2 Moss St., San Francisco; 2240 E. Washington Blvd., Los Angeles; 1702 N.E. Sandy Blvd., Portland; Marwood Limited, 357 Ninth St., San Francisco.

**ARMSTRONG-BRIDGEPORT DIV.**, The Capewell Mfg. Co., 60 Governort St., Hartford 2, Conn.—(See listing under Capewell).

**ARMSTRONG PRODUCTS CORP.**, P.O. Box 940, Huntington, West Va.—E. R. Palmtag Co., 1355 Market St., San Francisco; 164 S. Central Ave., Los Angeles; 2618 2nd Ave., Seattle; Chas. M. Dillon, 1033 Bannock, Denver; J. H. Nicodemus & Son, 230 S. 4th W., Salt Lake City 1.

**ARRO EXPANSION BOLT CO.**, No. Boone Ave., Marion, Ohio—Howard Burt & Sons, 780 Bryant St., San Francisco; M. E. Canfield Co., 419 E. Third St., Los Angeles 13; Regional Sales Co., 4321 Dover, Denver; Tom G. Blunden, 1502 Olive Way, Seattle.

**ARROW CONDUIT & FITTINGS CORP.**, 129 30th St., Brooklyn 32, N. Y.—J. Wallach, 923 East 3rd St., Los Angeles.

**ARROW-HART & HEGEMAN ELECTRIC CO.**, 103 Hawthorn St., Hartford, Conn.—Branch Offices: 405 E. 3rd St., Los Angeles, and 1345 Howard St., San Francisco.

**ARROW LAMP MFG. CO., INC.**, 22 W. 19th St., New York City, N. Y.—Perry Oppenheimer, 6357 Colgate Ave., Los Angeles 48.

**ARTCRAFT FLUORESCENT CORP.**, 248 McKibbin St., Brooklyn 6, N. Y.—James Mundstock, 220 Market St., San Francisco 11; M. Levin Co., 2438 S.W. 4th Ave., Portland.

**ARTISAN PRODUCTS, INC.**, 3490 W. 140th St., Cleveland 11, Ohio (Now Stahl Metal Products Inc.)

**ARTISTIC LAMP MFG. CO., INC.**, 395 Fourth Ave., New York City 16—Irving N. Gabriel, 2620 Moraga, San Francisco 22; Joe Williamson, Phoenix Merchandise Mart, 246 S. 1st St., Phoenix.

**ART METAL CO.**, 1814 E. 40th St., Cleveland 4, Ohio—W. G. Gordon, 2216 1st Ave., Seattle 1; R. E. Lagerstrom, 2739 Tenth Ave., Oakland and 420 Market St., San Francisco.

**ART SPECIALTY CO.**, 3245 Lake St., Chicago, Ill.—Sales Associates, 1111½ S. La Cienega, Los Angeles; State Elec. Supply, 241 10 Street, Oakland; S. F. Lighting Co., San Francisco.

**ARVIN INDUSTRIES, INC.**, Columbus, Indiana—(Electric Housewares). James Hofer, 16648 Addison St., Encino, Calif. (Radio & TV); Elmer R. Jorgensen, 6513 Radford Ave., No. Hollyowod, Calif.

**ASHEVILLE - SCHOONMAKER MICA CO.**, 900 Jefferson Ave., Newport News, Va. — Marwood Limited (in following cities), 357 Ninth St., San Francisco; 320 East Third St., Los Angeles; 1714 First Ave. So., Seattle 4; 209 South West First Ave., Portland.

**ASSOCIATED LIGHTING SERVICE, 488 Bryant St., San Francisco, Calif.** — Darger Co., 328 West 2nd So., Salt Lake City; Northern School Supply Co., 1505 N.W. Lovejoy St., Portland 9; Otto K. Olesen Co., 1534 Cahuenga Blvd., Hollywood 28.

**ASSOCIATED MFGRS. CO., 60 Federal St., San Francisco, Calif.**

**ASSOCIATED PRODUCTS, INC., 20 S. Ontario St., Toledo, Ohio**—A. B. Murphy Co., 228 Ninth St., San Francisco; Intermountain Sales Co., 1863 Wazee St., Denver 2; T. D. McGarry, 604 Utah Ave., Butte, Mont.

**ASSOCIATED PROJECTS CO., INC., 157 Marconi Blvd., Columbus, Ohio**—C. C. Bryant, 2424½ Cleveland Ave., Montebello, Calif.

**ASSOCIATED RESEARCH, INC., 3758 W. Belmont Ave., Chicago 18, Ill.**—A. A. Barbera & Co., 311 N. Martel Ave., Los Angeles 36; George L. Hoffman, 3007 S.W. Nebraska St., Portland 19; W. J. Kantenberger Co., 711 Reverchon Ave., Dallas 11 and 3011 Prescott, Houston; California Instrument Co., 748 Prague St., San Francisco.

**ASTATIC CORP., 250 Harbor St., Conneaut, Ohio**—Harry A. Lasure, 2216 West 11th St., Los Angeles; Wm. J. Purdy Co., 79 Ninth St., San Francisco; Dale G. Weber, 234 Sherlock Bldg., Portland; Ronald G. Bowen, 852 Broadway, Denver 3; J. Y. Schoonmaker, 2011 Cedar Springs, Dallas 1.

**ATC COMPANY, 18 W. Chelten Ave., Philadelphia 44, Penna.**—Pacific Scientific Co., 25 Stillman St., San Francisco, and 1430 Grande Vista Ave., Los Angeles.

**ATKOMATIC VALVE CO., INC., 539 W. Abbott St., Indianapolis 25, Ind.**—Geraty Eng. Specialties, 380 Colusa Ave., Berkeley 7, Calif.

**ATLANTIC CONDUIT FITTINGS CO., 589 Atlantic Ave., Boston 10, Mass.**—Wm. Weston & Co., 1133 Moraga St., San Francisco 22.

**ATLAS BRASS FOUNDRY, 1901 Santa Fe Ave., Los Angeles 21, Calif.** — Bearing Specialty Co., 2928 Poplar St., Oakland, 790 Brannan St., San Francisco, and 2314 J St., Sacramento; Industrial Specialties Co., 940 S. E. 7th Ave., Portland; Tinling & Powell, Inc., E. 706 Sprague Ave., Spokane; Colorado Ind. Supply Co., 1620 Wazee St., Denver; Smith Machine Co., 1030 Texas St., El Paso; Motor Winders Supply Co., 334 W. Jefferson St., Phoenix; Jack E. Davis & Co., 2410 1st Ave. South, Seattle, Wash.; Kreiter Industrial Supply, 3219 Harrisburg Blvd., Houston, Tex.

**ATLAS ELECTRIC DEVICES CO., 361 W. Superior St., Chicago, Ill.**—L. H. Butcher Co., in following cities—15th and Vermont St., San Francisco; 3628 E. Olympic Blvd., Los Angeles; 1504 N.W. Johnson St., Portland, and 1703 Sixth Ave. So., Seattle.

**ATLAS ELECTRICAL SUPPLY,** 523 E. 9th St., Los Angeles—Joe Blonder Agencies, 2617 N. E. 14th Ave., Portland 12.

**ATLAS SAFETY EQUIPMENT CO., INC., 27 Warren St., New York City 7**—Western Fire Equip. Co., 69 Main St., San Francisco; Hughey & Phillips, 326 N. La Cienega Blvd., Los Angeles; J. J. Lawton, 2517 11th Ave., Los Angeles 18.

**ATWOOD & MORRILL CO., 48 Loring Ave., Salem, Mass.**—Oliver B. Lyman Co., 55 New Montgomery St., San Francisco 5; Southport Eng. Co., 235 W. 32nd St., Los Angeles; Ray Smythe, 501 Park Bldg., Portland.

**AULD CO., D. L., 5th Ave. and 5th St., Columbus, Ohio**—North American Supply Co., 5670 Wilshire Blvd., Los Angeles.

**AUSTIN COMPANY, The M. B., 1405 Shermer Ave., Northbrook, Ill.**—Ernest F. Hauck Co., 1282 Folsom St., San Francisco; James H. Blinn Co., 1140 Speer Blvd., Denver; J. G. Pomeroy Co., 1004 East 4th St., Los Angeles; W. W. Wheat & Associates, 560 First Ave. South, Seattle; G. B. Valkus, 1711 Kelly Ave., Dallas.

**AUTH ELECTRIC COMPANY, INC., 34-20 45th St., New York City, N. Y.**—George A. Gray Co., 2720 17th St., San Francisco; J. G. Pomeroy Co., 1004 East 4th St., Los Angeles; Shaffer & Nelson, 312 Occidental Ave., Seattle and 1204 N. W. Glisan, Portland; Everett T. Vonier Co., 1160 Elati St., Denver; H. R. Onarecker Co., 2518 Times Blvd., Houston; The Darger Co., 328 West 2nd South, Salt Lake City.

**AUTOMATIC BURNER CORP., 1823 Carroll Ave., Chicago 12, Ill.**—Ed Lokey & Co., 10340 N. E. Sandy Blvd., Portland 20.

**AUTOMATIC CONTROL CO., 1005 University Ave., St. Paul, Minn.**—Campbell & George, 379 Brannan St., San Francisco; Hundley Co., 3532 Fletcher Dr., Los Angeles; R. E. LeRiche, 422 Smith Tower, Seattle; Peterson Co., 4949 Colorado Blvd., Denver.

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**AUTOMATIC DEVICES CO., 116 N. 8th St., Allentown, Penna.**—B. F. Shearer, 243 Golden Gate Ave., San Francisco; 1964 So. Vermont Ave., Los Angeles; 2318 Second Ave., Seattle and 1947 N. W. Kearney St., Portland; Service Theatre Supply Co., 256 E. First South St., Salt Lake City, and 2054 Broadway, Denver.

**AUTOMATIC ELECTRIC SALES CORP., 1033 West Van Buren St., Chicago, Ill.** — Branch Offices: Automatic Electric Sales, 3626-28 11th Ave., Los Angeles 18; 55 New Montgomery St., San Francisco 5; 644 Central Bldg., Seattle; Terminal Sales Bldg., Portland 5.

**AUTOMATIC ELECTRIC MFG. CO., 10 State St., Mankato, Minn.**—R. B. Clapp Co., 314 Omar Ave., Los Angeles 13; The Ballard Co., 407 Sansome St., San Francisco; Jack E. Way Sales Co., 1001 Westlake Ave., Seattle; The Sales Company, 1624 No. First St., Albuquerque.

**AUTOMATIC ELECTRIC HEATER CO., 860 Cross St., Pottstown, Penna.**—(See Sepco Corp.)

**AUTOMATIC ELECTRICAL DEVICES CO., 2409 Colerain Ave., Cincinnati, Ohio**—Charles Caban, Jr., 858 Garey Ave., North, Pomona, Calif.

**AUTOMATIC RADIO MFG. CO., INC., 122 Brookline St., Boston, Mass.**—Herbert Sierk, 2705 Canton St., Dallas; Perlmuth Colman & Associates, 1335 So. Flower St., Los Angeles, and 420 Market St., San Francisco.

**AUTOMATIC SERVICE SUPPLY CO., 210 E. Baltimore, Detroit, Mich.**—Electric Appliance Serv. Corp., 726 W. Venice Blvd., Los Angeles 13; 302 17th St., San Diego and 1434 Howard St., San Francisco; W. L. May Co., 215 N. W. Park Ave., Portland; Appliance Parts & Service, 216 Stewart St., Seattle and W. 609 Trent St., Spokane.

**AUTOMATIC SWITCH COMPANY, 391 Lakeside Ave., Orange, N. J.**—F. W. Carlson, 2307 Fifth Ave., Seattle, and 607 Portland Trust Bldg., Portland; Paul S. Everley Co., 1063 Howard, San Francisco; Glidden Eng. & Equipment Co., 3802 Winchester St., Houston and 2523 McKinney Ave., Dallas; Clyde P. Elliott, 3020 So. Cherry St., Denver; A. A. Barbera & Co., 311 N. Martel Ave., Los Angeles.

**AUTOMATIC TEMPERATURE CONTROL CO., INC., 5212 Pulaski Ave., Philadelphia, Pa.**—Pacific Scientific Co., 25 Stillman St., San Francisco; 1430 Grande Vista Ave., Los Angeles; 1915 1st Ave., Seattle 4 and Terminal Sales Bldg., Portland 5.

**AUTOMATIC WASHER CO., 323 W. 3rd St., N. Newton, Iowa**—Schwabacher Hdwe. Co., P. O. Box 3088, Seattle 14, Wash.; Arizona Mercantile Co., Central Ave. and Jackson, Phoenix; Northwestern Auto Supply, 422 N. Broadway, Billings; Western Supply Co., 357 W. 2nd St., Salt Lake City; Les Taufenbach, 816 W. 5th, Los Angeles, and 1855 Market St., San Francisco; C. R. Bower, 3370 West 38th Ave., Denver; Boyd Dist. Co. Inc., 306 E. Lead St., Albuquerque and 2209 Mill St., El Paso; Century Dist. Co., 308 8th Ave. San Diego and 1111 Front St., San Francisco; Gough Industries, Inc., 819 E. 1st St., Los Angeles; Schafer-Wright, Inc., 1233 N.W. 12th Ave., Portland; Goggans & Pennie, 514 Central Ave., Great Falls, Mont.

**AUTOTRON COMPANY, 128 W. Main St., Danville, Ill.**—E. V. Roberts & Associates, 5068 West Washington, Los Angeles 16, 988 Market St., San Francisco and 909 N. First St., Phoenix, Ariz.

**B/W CONTROLLER CORP., 2200 East Maple, Birmingham, Mich.**—Geraty Eng. Specialties, 380 Colusa Ave., Berkeley 7, Calif.; Charles E. Klaus, 1004 S.E. Belmont, Portland.

**BABCOCK & WILCOX CO., 85 Liberty St., New York City 6**—C. C. Moore & Co., Engineers, 450 Mission St., San Francisco, Smith Tower, Seattle, Richfield Bldg., Los Angeles 13, Failing Bldg., Portland; Stearns-Roger Mfg. Co., Kearns Bldg., Salt Lake City, 1720 California St., Denver; A. M. Lockett & Co. Ltd., National Standard Bldg., Houston; Co. Branch, 213 Luhrs Bldg., Denver and 1826 M & W Tower, Dallas.

**BAIER & ACKERMAN, Inc., 9 E. 40th St., New York 16, N. Y.**—John Tubergen, 2232 W. 11th St., Los Angeles.

**BAILEY METER CO., 1050 Ivanhoe Rd., Cleveland, Ohio**—Branch Offices: V. A. Rumble, 424 Sharon Bldg., San Francisco; L. F. Richardson, 1709 W. 8th St., Los Angeles; G. M. Wallace, 1506 Kearney St., Denver; K. E. Atwood, 217 Ninth Ave., Seattle; C. M. Kunkel, 2480 Times Blvd, Houston.

**BAKELITE CO., a Division of Union Carbide Carbon Co., 30 East 42nd St., New York City 17**—Branch Office, 2770 Leonis Blvd., Los Angeles 58.

**BAKER BARKON COMPANY, 1335 S. W. Morrison St., Portland, Ore.**; R. E. Baum, Monadnock Bldg., San Francisco.

**BAKER-RAULANG CO., 1250 West 80th St., Cleveland, Ohio**—Elder & Co., 390 7th St., San Francisco; W. T. Billard, Inc., 734 E. Third Ave., Los Angeles; Oregon Handling Equipment Co., 523 N. W. Glisan St., Portland; Riter Engineering Co., Kearns Bldg., Salt Lake City; J. B. Ambler, 602 Denver National Bldg., Denver; Dillon Scale & Equipment in the following cities: 3907 Elm St., Dallas, 5214 Harrisburg Blvd., Houston, and 3018 Bledsoe, Fort Worth.

**BALDOR ELECTRIC CO., 4351 Duncan Ave., St. Louis, Mo.**—E. P. Denham Co., 536 Polk St., San Francisco; E. P. Boreham Co., 1206 So. Maple Ave., Los Angeles; Dan J. Sweeney Co., 1119 Pike St., Seattle 2; H. C. Miller, 4546 Northeast Alberta, Portland; H. George Shefler Co., P.O. Box 1587, Phoenix; Austin Co., 5906 Bellaham dr., Albuquerque; Hirsig-Frazier, 4333 Belmont Ave., Dallas.


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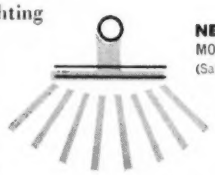

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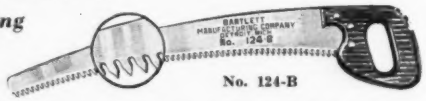

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New fast cutting saw with lightning teeth makes smooth cuts. Easily filed without gauges. 2 patterns 24" and 26".

**WE Combination Pruner and Saw**

With octagon Sitka spruce poles. Either head shown may be used with the same handle section. Several intermediate lengths can be added if desired.

**Professional Hand Pruner**

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This Drop Forged Tool Steel nine-inch Hand Pruner has a crucible steel blade and hardened hook. Unsurpassed.

**Bartlett Compound Lever Metal Cutting Shears**

For use in both hands or as bench shears when held in vise. Write for Catalog.

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**The West's Oldest Distributor of Electrical Insulating Materials**

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**BARBER-GREENE CO.**, 400 N. Highland, Aurora, Ill. — Branch Office; 318 South "B" St., San Mateo, Calif., (E. L. Benson, Area Sales Mgr.) San Mateo; Brown-Bevis Equipment Co., 4900 Santa Fe Ave., Los Angeles; Jenison Machinery Co., San Francisco; Columbia Equipment Co., Portland, Seattle, Spokane and Boise; Contractors Equipment Co., Albuquerque and El Paso; Ray Corson Machinery, Denver; Forbes Co., Salt Lake City and Kimball Equipment Co., Salt Lake City; State Tractor & Equipment, Phoenix; Western Const. Equipment, Billings, Mont., and Wilson Equipment & Supply, Cheyenne, Wyo.

**BARCO MFG. CO.**, 1801 W. Winnemac Ave., Chicago 40, Ill.—Crane Company, San Francisco, Los Angeles, Seattle, Portland, Spokane and Tacoma. The Fornaciari Co., Los Angeles.

**BARCALO MFG. CO.**, 225 Louisiana St., Buffalo, N. Y.—George Peters, 1709 W. 8th St., Los Angeles, Calif.; Henry Henkel, 439 Ellis St., San Francisco; J. Frank Ewing, 3706 S.W. Marquam Hill Rd., Portland; Don Smith, Rear 729 Broadway, Denver.

**BARDCO MFG. & SALES CO.**, 2450 E. 23rd St., Los Angeles.

**BARKELEW ELECTRIC MFG. CO.**, 1905 Columbia Ave., Middletown, Ohio — Electrical Specialty Co., in following cities: 316 11th St., San Francisco; 2406 First Ave., Seattle; and 1015 21st St., Denver. Angus-Campbell, Inc., 418 E. Third St., Los Angeles 13.

**BARKSDALE VALVES**, 1566 E. Slauson Ave., Los Angeles 11, Calif.—Ralph B. Lundy, 1063 Howard St., San Francisco.

**BARLOW & SEELIG MFG. CO.**, Ripon, Wis.—(See Speed Queen.)

**BARRY CORP.**, 766 Pleasant St., Watertown 72, Mass.—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles, 988 Market St., San Francisco, 909 N. First St., Phoenix; Ron Merritt, 217 9th Ave., Seattle.

**BARTLETT MANUFACTURING CO.**, 3003 E. Grand Blvd., Detroit, Mich. — Tree Trimming Equip., George E. Honn, 420 Market St., San Francisco; Metal Cutting Shears—Hughson & Merton, 1270 Bush St., San Francisco, 3209 Glendale Blvd., Los Angeles, Colman Bldg., Seattle, and 509 Beason Bldg., Salt Lake City. (See adv., p. 6.)

**THE BARTON CORPORATION**, West Bend, Wis.—U. S. Grant Supply Co., 2900 East 11th St., Los Angeles; Zork Hardware Co., 115 San Francisco St., El Paso and 1414 North 12th St., Albuquerque; George S. Conley Co., 731 15th St., Denver; O. B. Wilt Co., 1355 Market St., San Francisco.

**BASHLIN COMPANY W. M.**, Bashlin Bldg., Grove City, Penna. —Guardian Safety Equipment Co., 50 Hawthorne St., San Francisco and 6104 So. Main St., Los Angeles 3; Jack Pruzan Co., 109 Jackson St., Seattle 4; Sanderson Safety Supply Co., 1423 S. E. Hawthorne Blvd., Portland; Universal Safety & Fire Equip. Co., Inc., 727 So. West Temple, Salt Lake City; J. L. Matthews Line Men's Equip., 3717 McCart, Ft. Worth.

**BASIC PRODUCTS CORP.**, 2222 W. Sample St., South Bend 22, Ind.—J. E. Shull, 350 So. Central Ave., Los Angeles.

**BATAVIA METAL PRODUCTS CORP.**, 1252 Liberty St., Batavia, N. Y.—American Equipment & Body Co., 2315 East 4th St., Los Angeles; Nelson Truck Equip. Co., Inc., 128 Westlake No., Seattle; United Transportation Equip Co., 752 Chestnut St., Redwood City, Calif.; Fred C. Hall Co., 17 Cedar St., San Carlos, Calif.; Novelty Carriage Co., West 815 2nd Ave., Spokane; Timpte Bros. Inc., E. 40th at York, Denver 5; Winter-Weiss Co., Blake St., Denver.

**BATH CO. INC., JOHN**, 16 Grafton St., Worcester 8, Mass.—J. C. Fletcher, 1415 Folsom St., San Francisco.

**BAUER MFG. CORP.**, 3121 West El Segundo, Hawthorne, Calif.—"Hock" Ensmith Sales, 1262 S. Boyle Ave., Los Angeles 23.

**BAXTER CO., J. H.**, 200 Bush St., San Francisco 4, Calif. Branch offices: Los Angeles, Calif. Plants: Alameda and Long Beach, Calif. Associated Companies: J. H. Baxter & Co. of Oregon, P. O. Box 752, Eugene, Ore.; Baxco Corp., 541 Pittock Block, Portland; Plant at The Dalles, Ore.

**BEALL PIPE & TANK CORPORATION**, 1945 No. Columbia Blvd., Portland, Ore.

**BEAVER PIPE TOOLS, INC.**, 310 Dana St., N.E., Warren Ohio—David Howe, 2578 West St., at 26th, Oakland 12, Calif.; Ted Obear, 6075 So. Normandie Ave., Los Angeles 44; Edward C. Lindeman, 3110 N. Fitzhugh St., Dallas 4.

**BECKER BROTHERS CARBON CO.**, 3450 S. Laramie Ave., Cicero 50, Ill.—Electrical Specialty Co., 316 11th St., San Francisco; 418 E. Third St., Los Angeles; 2406 First Ave. So., Seattle 4 and 1015 21st St., Denver 2.

**BEDE PRODUCTS, INC.**, 4313 Ridge Rd., Cleveland 9, Ohio—Currier Co., 710 73rd Ave., Oakland 4, Calif.

**BEEDE ELECTRICAL INSTRUMENT CO., INC.**, W. Canal St., 950 N. Highland Ave., Hollywood, Calif.; P. J. Burrill, 2131 Washington Ave., San Leandro, Calif.; Penacock, N. H.—Rudy Ferda, Allen I. Williams, 1009 17th St., Denver 2.

**BELDEN MFG. COMPANY**, 4647 W. Van Buren St., Chicago 44, Illinois—J. Reed, 13465 Margate, Van Nuys, Calif.; Harold W. Hofman, (Dist. Mgr.) 635 Gloria Road, Arcadia, Calif.; R. E. Greenwood, 1813 Lorene Ave., Whittier, Calif., Sold by Tri-State Supply Corp., 554 Bryant St., San Francisco, Calif.; 544 S. San Pedro, Los Angeles, Calif.; 318 Occidental Avenue, Seattle, Wash.

**BELL ELECTRIC COMPANY**, 1844-50 W. 21st St., Chicago, Ill. —J. H. Kay, 4807 Beverly Blvd., Los Angeles; A. J. O'Brien Sales Co., P. O. Box 1681, Denver; W. J. Childers, 3310 Douglass Ave., Dallas.

**BELL & GOSSETT CO.**, 8200 N. Austin Ave., Morton Grove, Ill.—L. J. Harrington, 1971 N. W. Lovejoy, Portland 8; Norman Brown, 765 Minna St., San Francisco 3; DeWitt Clark, 553 S. Figueroa St., Los Angeles.

**BELL SOUND SYSTEMS, INC.**, 555 Marion Road, Columbus, Ohio —J. P. Hermans Co., 1234 Folsom St., San Francisco; H. A. Lasure Co., 2216 W. 11th St., Los Angeles 6; Dale G. Weber, 234 Sherlock Bldg., Portland; Gordon G. Moss, 1530 13th Ave., Greeley, Colo.

**BELMONT RADIO CORP.** (S. of Raytheon Mfg. Corp.) 5921 W. Dickens Ave., Chicago 39, Ill.—McNeely Epstein Clippinger Associates, 251 S. Robertson Blvd., Beverly Hills, Calif.

**BELSON MFG. CO.**, 210 S. Clinton, Chicago, Ill.—Wm. Benndorf Co., 401 West Jackson St., Phoenix, Arizona.

**BENBOW MANUFACTURING CO.**, 1285 Rollins Rd., Burlingame, Calif.—Equipment Supply Co., 16 Post Office Place, Salt Lake City 1; J. C. Fennelly & Co., San Francisco and Los Angeles; Lindsay Bros., 1504 N. W. Johnson St., Portland; J. W. Watkins, 551 Skinner Bldg., Seattle; Wismer & Becker, 1731 "S" St., Sacramento, Calif.

**BENDIX AVIATION CORP.** (Bendix Television and Radio) Joppa Road, Baltimore 4, Md.—Kane Company, 1355 Market St., San Francisco; Mulhausen - Hannegan Co., 8132 W. 3rd St., Los Angeles; D. E. Lindsay Co., 1726 N.E. 64th Ave., Portland; Nelfran Co., 2013 So. Broadway, Denver 2; Martin and Triggs, 2923 Milan St., Houston.

**BENDIX HOME APPLIANCES, INC.**, (Washer-Dryer) 3300 W. Sample St., South Bend, Ind.—Leo J. Meyberg Co., 33 Gough St., San Francisco and 2027 So. Figueroa St., Los Angeles; Harper-Meggee, Inc., in following cities: 1506 N.W. Irving, Portland; 960 Republican St., Seattle; 734 Division St., Spokane 8; Electrical Equipment Co., First Ave. at Madison, Phoenix; Flint Distributing Co., 316 W. 2nd South St., Salt Lake City; Taylor Distributing Co., 4148 First Ave., S., Billings, Mont.; Larson Dist. Co., 550 Lincoln St., Denver.

**BENJAMIN REEL PRODUCTS, INC.**, 10700 Broadway, Cleveland 25, Ohio—Benjamin Reel Co., 4710 Crenshaw Blvd., Los Angeles 43; Colycar Motor Sales Co., in following cities: 1250 Van Ness Ave., San Francisco; 355 24th St., Oakland; 1323 S.Flower, Los Angeles; 230 W. B St., San Diego; 666 L St., Fresno; 1024 Bannock, Boise; 34 N.W. 8th St., Portland; 11th Ave. and East Pine, Seattle; W. 1026 Third Ave., Spokane.

**BENJAMIN ELECTRIC MFG. CO.**, DesPlaines, Ill.—Branch offices: 829 Folson St., San Francisco 7, C. O. Martin, Manager, Pacific Coast Division, District Representatives: H. F. Christenson and J. E. Keyes, San Francisco; G. A. Hochenauer and J. H. Kersbergen, 923 E. Third St., Los Angeles; H. R. Huber, 3018 45th Avenue S. W., Seattle. Agents: L. M. Slusser, 318 Dooly Block, Salt Lake City; James H. Blinn Co., 1140 Speer Blvd., Denver; Ritsman Campbell, 340 E. Virginia Ave., Phoenix. (See adv., p. 5).

**BENTLEY - HARRIS MFG. CO.**, Conshohocken, Pa. — Western Fiberglas Supply Co., 739 Bryant St., San Francisco; 937 S. Grand Ave., Los Angeles; 2916 First Ave., Seattle.

**BERNS MANUFACTURING CORP.**, 3050 North Rockwell St., Chicago, Ill.—M. Levin, 2438 S. W. Fourth Ave., Portland 4; Colorado Western, 501 Broadway, Denver; Barney De Ramus, 125 S. Santa Fe, Los Angeles 12.

**BETHLEHEM PACIFIC COAST STEEL CORP.**, 20th and Illinois, San Francisco, Calif.—F. J. Anderson, Manager of Sales, Bethlehem Pac. Coast Steel, San Francisco; Branch offices: Los Angeles, Seattle, Portland and Honolulu.

**BIDDLE CO., JAMES G.**, 1316 Arch St., Philadelphia, Pa.—General Electric Supply, Westinghouse Electric Supply and Graybar Electric Co., Inc., in all principal cities; Nourse Equipment Co., 1465 4th St., Berkeley 10, Calif.

**BIGNALL & KEELER DIV.**, John Raming Machine Co., 4591 McRee Ave., St. Louis, Mo.—W. F. Obear & Son, 6075 So. Normandie, Los Angeles 44; Perine Machinery & Supply Co., 1921 First Ave., So., Seattle; Jenison Machinery Co., 20th and Tennessee Sts., San Francisco 7.

**BILLMYRE BLOWER** (See Lamson Corp.)

**BIN-DICATOR CO.**, 13946 Kercheval Ave., Detroit 15, Mich. — George L. Edmondson, 681 Market St., San Francisco 5.

**BINGHAMTON FLEXIBLE SHAFT DIV., SWARTZ & WHITE MFG. CO.**, 486 Chenango, Binghamton, New York—A. J. Glesener Co., 975 Bryant St., San Francisco; Hickinbotham Bros. Ltd., 536 S. Aurora St., Stockton, Calif; Pacific Hdwe. & Steel Co., Inc., 1344 The Alameda, San Jose, Calif.

**BIRD ELECTRONIC CORP.**, 1800 East 38th St., Cleveland, Ohio—Neely Enterprises, in following cities: 2830 Geary Blvd., San Francisco; 7422 Melrose Blvd., Los Angeles 46; 107 So. Washington St., Albuquerque, N. M.; 309 Ochsner Bldg., Sacramento, Calif.; 32 W. Jefferson St., Phoenix.

**BISHOP MANUFACTURING CORP.**, 10 Canfield Road, Cedar Grove, N. J.—W. E. Wallace, 445 Bryant St., San Francisco 7; John B. Tubergen Co., 2232 W. 11th St., Los Angeles 6; Shaffer & Nelson, 312 Occidental Ave., Seattle 4. Distributors: Graybar Electric Co., 1750 Alameda St., San Francisco, Calif., and 1702 Cullen Blvd., Houston, Texas.

**BLACK MFG. CO., M.**, 300 North Third St., Philadelphia, Penna.—Panama Lamp & Commercial Co., 325 9th St., San Francisco; 326 S. San Pedro St., Los Angeles 13 and 568 1st Ave. So., Seattle 4; Northwest Sales, 1603 N.W. Johnson St., Portland 9.

**BLACKBURN PRODUCTS CORP., JASPER**, 35 Madison St., St. Louis, Mo.—L. W. Thompson, 5603 N. Huntington Dr., Los Angeles. (Ground rods only)—Kortick Mfg. Co., 345 First St., San Francisco 5. Outlets: General Electric Supply Corp., in all cities for all items excepting ground rods. (See ads. pp. 7-61).

**BLACK & DECKER MFG. CO.**, Towson 4, Md.—Branch offices: 2613 Ross Ave., Dallas; 1010 Bannock St., Denver 4; 409 Velasco St., Houston; 2432 So. Broadway, Los Angeles 7; 9th and Bryant Sts., San Francisco 3; 434 8th Ave., No. Seattle; 1640 N.W. Johnson St., Portland 9.

**BLACKHAWK INDUSTRIES**, 250 S. Main, Dubuque, Iowa—Pacific Electro Sales Co., 140 S. E. 28th Ave., Portland 15, Ore.; Anson-Fowler Co., 178 Townsend St., San Francisco; Allied Industries, 412 Seaton St., Los Angeles 13; Everett T. Vonier Co., 1160 Elati St., Denver 3.

**BLACKHAWK MFG. CO.**, 5325 W. Rogers St., Milwaukee, Wis.—George A. Spohr, Dist. Manager, West Coast, 1012 Sunnyhills Rd., Oakland, Calif.; I. M. Gregory, 1292 Genevieve St., San Bernardino, Calif.; Art Comerford, Associate Dist. Mgr., 1918 West 97 th St., Seattle; Bernie Robertson, 272 Betty Lane, Concord, Calif.

**BLACKSTONE CORPORATION**, 1088 Allen St. Ext., Jamestown, N. Y.—Thompson-Diggs Co., 1355 Market St., San Francisco; H. E. Caygill Co., 409 E. Second St., Los Angeles; Love Electric Co., 318 Westlake No., Seattle; Butane Corp., 19th Ave & Linden, Phoenix; Robert F. Clark Co., 70 Rio Grande Blvd., Denver; Gold "E" Distributors, Inc., 1905 E. Harbor Dr., San Diego; Montana Gas Appliances, 3729 Montana Ave., Billings, Mont.; Stubbs Electric Co., 33 N.W. Park Ave., Portland.

**BLACO MFG. CO.** (formerly Blackburn Specialty Co.), 6541 Euclid Ave., Cleveland 3, Ohio—Leonard L. Minthorne Co., Weatherly Bldg., Portland 14; Gordon G. Moss, 1530 13th Ave., Greeley, Colo.; Lawrence Shriver Co., 714 W. Olympic Blvd., Los Angeles 15.

**BLAKEMAN BROS. ELECTRICAL MFG. CO.**, 5859 Compton Ave., Los Angeles 1, Calif. — Pacific Electric Sales Co., 140 S. E. 28th Ave., Portland 15.

**BLAW KNOX CO.**, P. O. Box 1198, Pittsburgh, Pa.—Brodhead Steel Products Co., 17th Ave. and Wisconsin St., San Francisco 10; E. M. Ornitz, 215 West 5th, Los Angeles; W. G. Ballantyne Co., 1215 Northwest Everett St., Portland, Ore.; Wm. Z. Harrison Co., 436 Atlas Bldg., Salt Lake City; S. F. Patterson Co., 1717 West Austin St., Seattle.

**BLILEY ELECTRIC CO.**, Union Square Building, Erie, Pa.—Herb Becker, 1140 Crenshaw Blvd., Los Angeles.

**BLOXHAM ENGINEERING, INC.**, 2610 9th St., Berkeley, Calif.

**BODENIECK TOOL CO.**, 325 East Main St., Taylorville, Ill.—Ken H. Best, 541 First Ave. So., Seattle.

**BODINE ELECTRIC CO.**, 2254 W. Ohio St., Chicago 12, Ill.—H. M. Hall, 411 S. Wall, Los Angeles 13; J. F. Cady, 995 Market St., San Francisco 3.


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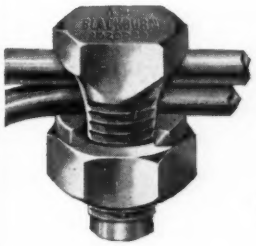

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**BOGEN CO., DAVID,** 29 Ninth Avenue, New York City—E. L. Berman Co., 758 Natoma St., San Francisco; Marshank Sales Co., 672 S. Lafayette Park Pl., Los Angeles; Northwestern Agencies, Inc., 4130 First Ave. So., Seattle 4; Franklyn Y. Gates, 200 S. Main St., Salt Lake City.

**BOGUE ELECTRIC MFG. CO.,** 52 Iowa Ave., Paterson 3, N. J.—W. J. Hopkins, 934 N. Naomi St., Burbank, Calif.

**BOONTON RADIO CORP.,** Intervale Road, Boonton, N. J.—Neely Enterprises, 2830 Geary Blvd., San Francisco, 7422 Melrose Ave., Los Angeles, 107 Washington St., S.E., Albuquerque, 1317 15th St., Sacramento, Calif., 1029 Rosecrans St., San Diego, Calif. and 32 W. Jefferson St., Phoenix; Earl Lipscomb Associates, 3561 Marquette St., Dallas.

**BOOTH CO., ARTHUR E.,** 265 S. Alexandria Ave., Los Angeles 4, Calif.

**BOSTON WOVEN HOSE & RUBBER CO.,** Cambridge, Mass. — J. B. Lippincott Co., 461 Market St., San Francisco.

**BOYCO, INC.,** 1589 Merchandise Mart, Chicago, Ill.—Mark Herschberg, 14860¼ Dickens St., Sherman Oaks, Calif.

**BOYE-ENMES MACHINE TOOL CO.,** Forest & Caldwell, Cincinnati, Ohio—J. C. Fletcher, 1415 Folsom St., San Francisco.

**BRACH MFG. CORP.,** 200 Central Ave., Newark, N. J.—J. W. Marsh Company, 1515 W. Pico Blvd., Los Angeles 15; A. J. O'Brien Sales, Box 1681, Denver; Verner O. Jensen Co., 2616 Second Ave., Seattle.

**BRADFORD MACHINE TOOL CO.,** 657 Evans St., Cincinnati, Ohio—Leslie W. Swenson, 1724 So. Flower St., Los Angeles 7, Calif.; Henry Wagner, 627 37th Ave., Seattle 22; C. C. Warner & Assoc., 3063 Albion St., Denver 7; Munnell & Sherrill, 400 S. W. First Ave., Portland.

**BRADY CO., W. H.,** 708 W. Glendale Ave., Milwaukee, Wis.—Electrical Specialties Co. in following cities: 316 11th St., San Francisco 3; 418 E. Third St., Los Angeles 13; 2406 First Ave. So., Seattle 4; 1015 21st St., Denver 2; Graybar Electric Company in all principal cities.

**BRAMMER MFG. CO.,** 1441 Rockingham Road, Davenport, Iowa—L. M. O'Neill Co., 1355 Market St., San Francisco, Wm. A. Gore Co., 1834 Adeline, Oakland; Bert E. Rose Supply, 108 Wall St., Seattle; Robison Dist. Co., 1900 S. 2nd West, Salt Lake City; Olympia Sales, 2171 Highland Dr., Salt Lake City.

**BRAND & CO., INC., WILLIAM,** North and Valley Sts., Willimantic, Conn.—C. H. Mitchell Co., 1221 W. 11th St., Los Angeles; Adco Industries, 3414 Camp Bowie Blvd., Box 9275, Fort Worth 7.

**BRANDYWINE FIBRE PRODUCTS CO.,** 15th and Poplar, Wilmington, Del. — Electrical Specialty Co., 316 11th St., San Francisco and 418 E. 3rd St., Los Angeles.

**BRETFORD MFG. CO.,** Franklin Park, Ill.—Reuben E. Lagerstom, 420 Market St. and 2739 Tenth Ave., Oakland, Calif.

**BREUER ELECTRIC MFG. CO.,** 5100 No. Ravenswood Ave., Chicago, Ill.—R. L. Kline, Western Div. Mgr., Box 636, Los Gatos, Calif. Sold thru leading distributors, jobbers and dealers in all cities.

**BREWER-TITCHENER CORP.,** 111 Pt. Watson St., Cortland, N. Y.—Hi-Line Hardware material distributed through Insulator Manufacturers.

**BRIDGEPORT BRASS CO.,** 30 Grand St., Bridgeport 2, Conn.—Branch Offices: 1155 Bryant S., San Francisco; Terminal Sales Bldg., Seattle 1; 130 So. Hewitt St., Los Angeles 12; 1220 Polk Ave., Houston; 102 Doggett Bldg., Dallas; 77 Lipan St., Denver 9.

**BRIDGEPORT SWITCH CO.,** 209 Center St., Bridgeport, Conn.—Eckert Lloyd Co., 1045 Bryant St., San Francisco, and 2115 So. San Pedro, Los Angeles.

**BRIEGEL METHOD TOOL CO.,** 104 N.E. First St., Galva, Ill.—Distributed by Western outlets for M. B. Austin Co., which are: James Blinn Co., 1140 Speer Blvd., Denver; Ernest F. Hauck, 383 Brannan St., San Francisco; J. G. Pomeroy Co., 1004 E. 4th St., Los Angeles; W. W. Wheat & Associates, 560 1st Ave. So., Seattle—Clayton Mark & Co. representatives: Hodges & Glomb, 1264 Folsom St., San Francisco; W. E. Young, 2134 Curtiss St., Denver; J. J. Rutkin, 937 Stanford Ave., Los Angeles; Clifton Conduit Co., representatives: Northwestern Agencies, 4130 1st Ave. So., Seattle; McMillen-Stanley Co., 778 Natoma, San Francisco; Northwest Sales Co., 1603 N.W. Johnson, Portland; Michel Bros., 206 E. 31st St., Los Angeles, and J. C. Coulson, 449 W. Jackson, Phoenix—Electric Eng. & Sales Corp., El Paso—Pittsburgh Standard Conduit Co. representatives: Keeler, White Co., 615 7th St., San Francisco; 422 N.W. 4th St., Portland; 1041 6th Ave. So., Seattle, and Spokane; Fred E. Staible & Sons, 2046 Arapahoe, Denver, and Allied Industries, 412 Seaton St., Los Angeles—The Steelduct Co., distributors in all principal cities; Wagner Malleable Prod. Co.; J. R. Richards Co.; Columbia Cable & Elec. Corp.; Nikoh Tube Co.; distributors in all principal cities. (See ad, page 9).

**BRIGHT LIGHT REFLECTOR CO., INC.** (See Electro-Silv-A-King Corp.)

**BRIGHT STAR BATTERY CO.,** 200 Crooks Ave., Clifton, N. J.—Branch Office: 1355 Market St. H. H. Rantzow Branch Mgr., San Francisco 3.

**BRINNELL COMPANY,** Hartford Ave., Granby, Conn.—Peck Steel & Die Supply, 4436 Long Beach Ave., Los Angeles.

**BRISTOL COMPANY, THE,** 117 Bristol Rd., Waterbury 20, Conn.—Branch Offices: 40 Berry St., San Francisco; 2181 E. 25th St., Los Angeles; 6626 White Bldg., Seattle; Specialty Sales Co., 206 So. West Temple, Salt Lake City; Hamilton Associates, 1236 Elati St., Denver.

**BRISTOL MOTOR DIVISION**—Vocaline Co. of America, Inc., Coulter St., Old Saybrook, Conn.—Engineering Sales Co., 406 S. Main St., Los Angeles; J. F. Cady, 995 Market St., San Francisco.

**BROAN MANUFACTURING CO., INC.,** 1669 N. Water St., Milwaukee, Wis.— W. W. Grainger, Inc. (in following cities), 311 So. San Pedro, Los Angeles; 2520 Larimer St., Denver; 613 N. W. Davis St., Portland; 163 W. South Temple, Salt Lake City; 316 Occidental Ave., Seattle, and 822 W. 2nd St., Spokane; Howard A. Weller, 1238 N.W. Glisan, Portland.

**BROIL-QUIK CO.,** 2330 5th Ave., New York City—Stutz-Simmons, Inc., 712 South Olive St., Los Angeles 14.

**BROSIUS DIV. SALEM BROSIUS, INC.,** 1943 Noble St., Sharpsburg, Pa.—E. A. Wilcox Co., 277 7th St., San Francisco 3, 406 S. Main St., Los Angeles 13 and Arctic Bldg., Seattle 4.

**BROWN-BOVERI CORP.,** 19 Rector St., New York City 6—Delius & Thomas, Hobart Bldg., San Francisco 4; Bracken Sales Agency, 923 E. 3rd St., Los Angeles 13.

**BROWN-BROCKMEYER CO., INC.,** 1046 Smithville Rd., Dayton 1, Ohio—Ellis-Kuhn, 711 Gibbons St., Los Angeles; R. W. Scott, 2534 38th Ave., San Francisco; Western Elec., California Bldg., Stockton; George Shefler, P. O. Box 1587, Phoenix; Palmer D. Weeks, S.W. First and Stark, Portland, Ore.; J. R. Christensen, 524 F St., Salt Lake City.

**BROWN INSTRUMENT CO.,** Wayne and Roberts Aves., Philadelphia 44, Penna.—Same Western offices as Minneapolis-Honeywell Regulator Co., this Directory.

**BROWN COMPANY,** 150 Causeway St., Boston, Mass.—Branch Office; 58 Sutter St., Mr. Earl Van Pool, Regional Sales Mgr., San Francisco. Sold thru Westinghouse Electric Supply Co. all cities.

**BROWNING LABORATORIES, INC.,** 750 Main St., Winchester, Mass.—Verner O. Jensen, 2616 2nd Ave., Seattle; David H. Ross Co., 1355 Market St., San Francisco; Henry Feldman, 400 W. Pico Blvd., Los Angeles.

**BROWNING MFG. CO.,** Maysville, Ky.—Marwood Limited, 357 9th St., San Francisco; 320 E. 3rd, Los Angeles; 209 S.W. 1st Ave., Portland, and 1714 1st Ave. So., Seattle.

**BRUNDAGE COMPANY,** 512 No. Park, Kalamazoo 11, Mich.—Branch Office: 1117 2nd Ave. at Seneca (H. W. Winningham Co.), Seattle 1.

**BRUSH DEVELOPMENT CO.,** Perins & Phillips Avenues, Cleveland 14, Ohio—The James L. Kearns Co., 7930 S.E. Stark St., Portland 16.

**BRYANT ELECTRIC CO.,** 1421 State St., Bridgeport, Conn.—Branch Office: 3310 Leonis Blvd., Los Angeles 58, Calif.

**BUCHANAN ELECTRICAL PRODUCTS CORP.,** 229 Route 29, Hillside, New Jersey—F. M. Nicholas Co., 714 Harrison St., San Francisco 3; Kenneth Anderson Co., 412 Seaton St., Los Angeles 13; Wiring Engineering Sales, 1218 Sixth Ave., S., Seattle 4.

**BUCKINGHAM MANUFACTURING CO.,** Travis and Bevier Sts., Binghamton, N. Y.—A. L. Dickson, Western Sales Manager, 1259 Clark Road, Paradise, Calif.; Charles E. Morton Co., 1406 S. Grand Ave., Los Angeles 15. Western Hardware & Tool, San Francisco; Capital Hardware, Sacramento; Electric Supplies Dist. Co., San Diego; Ken H. Best, Seattle; Mallory Logging Equip. Co., Portland; Ryall Elec. Supply Co., Denver; Electric Supply Co., Albuquerque; Casper Supply Co., Casper, Wyo.; Montana Electric Co., Billings; The Falls Supply Co., Great Falls, Mont.; Osborne & Kitchen, Inc., Reno, Nev.; Arizona Wholesale Supply, Phoenix; Universal Safety Fire Equipment Co., Salt Lake City; Idaho Hardware & Plumbing Co., Boise; Coeur d' Alene; Hardware & Foundry, Wallace, Idaho; Missoula Mercantile, Missoula, Mont.; Phil Judd, Butte, Mont.; Pueblo Elec. Supply Co., Pueblo, Colo.

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**BUFFALO FORGE CO.,** 490 Broadway, Buffalo, N. Y.—Chas. W. Lockhart, Central Tower, San Francisco; A. T. Forsyth Co., 3150 Elliott Ave., Seattle; Halladay & Knauff, 448 So. Hill St., Los Angeles; Pace-Turpin & Co., 726 So. 3rd St. West, Salt Lake City.

**BUFFALO METER CO.,** 2917 Main St., Buffalo 14, N. Y. — T. R Routh Co., 742 Market St., San Francisco; W. R. Ladewig Co., 4608 E. Washington Blvd., Los Angeles 22; Mine & Smelter Supply, 1422 17th St., Denver 17; Pacific Waterworks Supply Co., 2900 First Ave., South, Seattle; Fleck Bros. Ltd., 114 Alexander St., Vancouver, B. C.

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**BULLARD CO., E. D.,** 275 8th St., San Francisco, Calif.— Spokane Safety Appliance, 310 W. Pacific Ave., Spokane; Safety & Supply Co., 115 Blanchard St., Seattle; Sanderson Safety Supply Co., 816 S.E. Hawthorne Blvd., Portland; Intermountain Equipment Co., Broadway at Myrtle St., Boise; Mine & Smelter Supply Co., 1422 17th St., and Salt Lake City.

**BULLDOG ELECTRIC PRODUCTS CO.,** 7610 Jos. Campau Ave., Detroit, Mich.—Safety Switchboard & Mfg. Co., 1445 Stevenson St., San Francisco; Coast Electric & Mfg. Co., 1720 N. E. 6th Ave., Portland and 9703 9th Place S.W., Seattle; Young Elec. & Mfg. Co., 2134 Curtis St., Denver 2; Bull-Dog Elec. Prod. of Los Angeles, 3008 East Olympic Blvd., Los Angeles.

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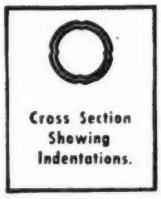


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BURTON EQUIPMENT CO., INC., 4810 Firestone Blvd., South Gate, Calif.—Sold thru electrical jobbers and wholesalers. (See ad. page 69).

BURTON-ROGERS CO., Sales Div., Hoyt Elec'l Instr. Works, 292 Main St., Cambridge 42, Mass.—G. A. Snoemaker, 574 Eddy St., San Francisco; Harvey Shoemaker, 1362 S. Flower St., Los Angeles 15; D. James Murray, 308 9th Ave. N., Seattle.

BUSH MFG. COMPANY, 179 South St., West Hartford 10, Conn.—O. M. Butler, 652 Second Ave., San Bruno, Calif.; H. L. Quinn-Bush Mfg. Co., 1490 Calzona St., Los Angeles.

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CBS-COLUMBIA, INC., 170 53rd St., Brooklyn, N. Y.—V. J. McIntyre Sales Engineering, 195 N. Oakland Ave., Pasadena 1, Calif.; A. J. Nelson, P. O. Box 5502, Denver.

C-O-TWO FIRE EQUIPMENT CO., P. O. Box 390, Newark 1, N. J.—Branch Offices: 1177 Mission St., San Francisco 3, and 1538 Esperanza St., Los Angeles.

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CAM TOOL CO., INC., 288 21st St., Oakland, Calif.; Auto Parts Warehouse, 3219 S. Figueroa, Los Angeles; R. K. Flanagan, 1100 E. Pike St., Seattle; Don Smith, 24 E. 9th Ave., Denver; L. D. Tuttle Co., 1711 Cochran St., Dallas.

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CANNON ELECTRIC CO., 3209 Humboldt St., Los Angeles 31, Calif. — Wm. V. Brainard, 30 Harriet St., San Francisco 3; Douglas H. Loukota, 6137 York Blvd., Los Angeles; James J. Backer Co., 2321 2nd Ave., Seattle 1. (See adv., page 11.)

CAPEHART - FARNSWORTH CORP., 3700 Pontiac, Fort Wayne 1, Ind.— Central Distributors, 1331 N.W. Couch St., Portland, Ore.; Crouch Appliance Co., 1301 Texas St., El Paso, Texas; Gold "E" Distributors, Inc., 1905 E. Harbor Dr., San Diego, Calif.; Graybar Electric Co., Inc., 210 Anderson St., Los Angeles, Calif. and 434 W. Madison St., Phoenix, Ariz.; Larson Distributing Co., 550 Lincoln St., Denver, Colo.; D. N. Latus & Co., 1531 National Ave., Helena, Mont.; S. R. Ross, Inc., 1212 S. State St., Salt Lake City, Utah; Saviers Electrical Products Corp., 640 Sierra St., Reno, Nev.; Seattle Radio Supply, Inc., 2117 Second Ave., Seattle, Wash.; True's Distributing Co., North 730 Hamilton St., Spokane, Wash.

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**CARBON ENGINEERING CORP.,** 400 Railroad, Slinger, Wis.—O. F. Williams, 1443 Fourth Ave., San Francisco; Motor Winders Supply, 334 W. Jefferson St., Phoenix. (See adv., page 11.)

**CARBONE CORPORATION,** 400 Myrtle Ave., Boonton, N. J.—Muth-Richards, 2605 Western Ave., Seattle; C. E. Klaus, 1004 S. E. Belmont, Portland; Dom Politeo, 547 Howard St., San Francisco.

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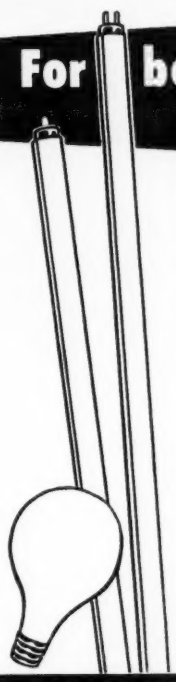

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CHICAGO HARDWARE FOUNDRY CO., 2500 Commonwealth, No. Chicago, Ill.—H. C. Bell, 445 So. Central, Glendale, Calif.; R. S. Altmanns, 1238 N. Glisan, Portland; Lester Davies & Co., 509 Lloyd Bldg., Seattle 1; D. L. Stage, 1127 Wilshire Blvd., Los Angeles; E. A. Hunt, 615 Brookhurst Dr., Dallas.

CHICAGO METAL HOSE CORP., (See Flexonics Corp.)

CHICAGO PNEUMATIC TOOL CO., 6 E. 44th St., New York City —H. P. Hansen, 655 Santa Fe Ave., Los Angeles; M. C. Lehmkuhl, 855 Bryant St., San Francisco 3; E. J. Hegre, 1928 First Ave. So., Seattle 4.

CHICAGO TOOL & ENGINEERING Co., 8347 South Chicago Ave., Chicago 17, Ill.—H. H. Hobelman & Co., 390 Bayshore Ave., San Francisco.

CHICAGO TRANSFORMER DIV., Essex Wire Corp., 3501 W. Addison, Chicago, Ill.—Branch office: 1077 Howard St., San Francisco; 2240 E. Washington Blvd., Los Angeles; J. T. Hill Sales Co., 800 W. 11th St., Los Angeles 15.

CHRYSLER CORP., Airtemp Div., 1600 Webster St., Dayton, Ohio—Branch Office: 1440 Broadway, Oakland, Calif.; 1700 Commerce St., Dallas.

THE CINCINNATI TIME RECORDER CO., 1733 Central Ave., Cincinnati, Ohio—Branch Office, 2500 West Sixth St. Bldg., Los Angeles 5; The Alder St. Clock Shop, 251 S.W. Alder St., Portland; The C.T.R. Distributors, 1529 16th St., Denver 2; Time & Instrument Co., 57 Richards St., Salt Lake City; H. D. Baker Co., 1007 Pacific Ave., Tacoma 2; Baker Co., Inc., 2024 Second Ave., Seattle 1; Monson Electric Co., 1110 Howard St., San Francisco.

CIRCLE F. MFG. CO., 720 Monmouth St., Trenton, N. J.—Keeler White Co., in following cities; 436 Colyton St., Los Angeles; 322 N.W. 4th Ave., Portland; 615 7th St., San Francisco; 1041 Sixth Ave. South, Seattle.

CIRCLE WIRE & CABLE CORP., 5500 Maspeth Ave., Maspeth, New York—Brill Electric Sales, 164 Townsend St., San Francisco; Agencies Company, 836 Traction Ave., Los Angeles; Electric Agencies, 618 Second Ave., Seattle.

CLARAGE FAN CO., Kalamazoo, Mich.—Lee Updegraff, 406 So. Main St., Los Angeles; S. C. Pardee, 414 Sharon Bldg., San Francisco; Preferred Equipment Co., 2615 Fifth Ave., Seattle; Douglas Jones Co., 1551 Redondo Ave., Salt Lake City; Mountain States Machinery Co., 1526 Blake St., Denver; Sebree Equipment Co., 610 N. 2nd St., Albuquerque; L. S. Pawkett & Co., 816 Insurance Bldg., San Antonio; Allan Eng. Co., Box 1211, Dallas, and Lembke Heating & Eng. Co., 2916½ 1st Ave. N., Billings, Mont.

CLARE & CO., C. P., 4719 W. Sunnyside Ave., Chicago 30, Ill. —Marshank Sales Co., 672 S. Lafayette Park Pl., Los Angeles 5; E. L. Berman Co., 758 Natoma St., San Francisco; C. B. Parsons & Co., 3028 First Ave., Seattle 1; Clyde P. Elliott, 3014 S. Cherry, Denver 20; Robt. E. Nesbitt, 3447 Cardinal Dr., Dallas.

CLARK BROS. BOLT CO., Milldale, Conn.—Earl E. Tibbot, 117 West 9th St., Los Angeles.

CLARK CONTROLLER CO., 1146 E. 152nd St., Cleveland 10, Ohio —Branch Office: San Francisco, 420 Market St., F. G. Guthrie; The Clark Controller Co., 5924 E. Olympic Blvd., Los Angeles; L. F. Newton, 3825 S. E. 17th Ave., East, Portland 2; C. W. Silver, 550 W. 7th South St., Salt Lake City; Peterson Co., 4949 Colorado Blvd., Denver 10; Butler & Land, 5538 Dyer St., Dallas; Industrial Equip Co., 6829 Navigation Bldg., Houston; Hirsch Bros. Machinery Co., 1901 Bassett Ave., El Paso.

CLARK ELECTRIC CO., JAMES, 600 E. Bergman St., Louisville 3, Ky.—Zonne Electric Tool Co., 2226 So. San Pedro, Los Angeles; H. H. Hoffman, 1107 E. Pike, Seattle.

CLARK ELECTRONIC LABORATORIES, Box 165, Palm Springs, Calif.—Joy Mfg. Co., Los Angeles, San Francisco and Seattle.

CLAROSTAT MFG. CO., INC., Washington St., Dover N. H.—Perlmuth Colman & Associates, 1335 So. Flower St., Los Angeles and 420 Market St., San Francisco; W. H. Connors, 5532 East Colfax Ave., Denver; Sam Stroum, 1612 Broadway, Seattle 22.

CLARVAN CORPORATION, 250 N. Water St., Milwaukee, Wis.—Ralph Wall, 1640 Camulos Ave., Glendale, Calif.; Edward F. Colcock, 604 Terminal Sales Bldg., Seattle 1; Franklin Parks, 1578 Jasmine St., Denver 7; Karel Van Dyk, Box 1034, Honolulu, T. H.

CLAYTON MARK & CO., 1900 Dempster St., Evanston, Ill.—Hodges & Glomb, 1264 Folsom St., San Francisco; J. J. Rutkin, 935 Stanford Ave., Los Angeles; W. E. Young Co., 2134 Curtis St., Denver.

CLEMENTS MFG. CO., 6650 So. Narragansett, Chicago, Ill. — Dalco Appliance Co., 7th and Townsend Sts., San Francisco; Dalco Appliance Co., 6th and Que Sts., Sacramento; Marshall-Wells Co., Seattle and Portland; Walter B. Lloyd, 850 S. Main St., Salt Lake City; Globe Electric Co., 307 1st Ave. S., Seattle; Harry L. Shane Co., Los Angeles.

CLEMSON BROS., INC., Middletown, N. Y.—Edward F. Buie, 12849 Milbank, North Hollywood, Calif.

CLEVELAND CRANE & ENG. CO., 5866 E. 289th St., Wickliffe, Ohio — Cleveland Tramrail Calif. Co., 771 Clementina St., San Francisco and 4700 District Blvd., Los Angeles; Cleveland Tramrail Denver Co., 3191 S. Cherokee, Englewood, Colo.; Cleveland Tramrail Utah Co., 2617 Barbey Dr., Salt Lake City; Nelson J. Leonard, 5764 28th Ave. N.E., Seattle; N. C. Sherman, Ltd., 1156 W. Pender St., Vancouver, B.C.

CLEVELAND DIESEL ENGINE DIV. GMC., 2160 W. 106th., Cleveland, Ohio—Branch Offices: 445 Harrison St., San Francisco, 433 Marine Ave., Wilmington, Calif., 3676 South East Martins, Portland; Evans Eng. & Equipt., 1230 Westlake North, Seattle.

CLEVELAND WORM & GEAR CO., FARVAL CORP., 3249 East 80th St., Cleveland 4, Ohio— J. M. Warner Co., 600 West 48th Ave., Denver; Alden Equip. Co., 1741 W. Slauson Ave., Los Angeles 47; Berg Evans Chain Ci., 240 S.W. First Ave., Portland 4; F. Somers Peterson Co., 524 Folsom St., San Francisco 5; Berg Evans Chain Co., 1729 First Ave., So., Seattle 4; Sales Engineering Co., 873 LeGrand St., Salt Lake City; (Farval only) George Worden Co., 1305 Dexter Ave., Seattle 9.

CLIFTON CONDUIT CO., INC., 75 Montgomery St., Jersey City, N. J.—Michel Bros., 1015 E. 16th St., Los Angeles; McMillen-Stanley Sales Corp., 778 Natoma St., San Francisco; Northwestern Agencies, 4130 First Ave., South Seattle; Northwest Sales Co., 1603 N.W. Johnson St., Portland; Electrical Eng. & Sales Co., 203 Texas St., El Paso; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver 4; J. C. Coulson, P.O. Box 1366, Phoenix.

CLIFTON MFG. CO., INC., 34 Topalian Mattapan, Boston 26, Mass.—Magnes Co., 725 Second St., San Francisco; Hargrove-Green Co., 1800 Marengo St., Los Angeles; Reitz Sales Co., 1324 Bellaire St., Denver.

COAST ELECTRIC & MFG. CO., 1720 N.E. 6th Ave., Portland.

COAST LIGHTING PRODUCT CO., 320 Judah St., San Francisco.

COATES ELECTRIC MFG. CO., 3610 First Ave. So., Seattle 6, Wash.—E. L. Chrisman, 8255 Compton Ave., Los Angeles; Associated Valve & Eng. Corp., 1048 Folsom, San Francisco; W. A. Crowder, 602 Empire State Bldg., Spokane; Larry Harrington Co., 1971 N.W. Lovejoy St., Portland; Stephen A. Welch, 463 West Palmer St., Compton, Calif.; Bohm Plumbing & Heating Co., 4255 S.E. Belmont, Portland; Arent & Johnson, 5133 N.E. 43rd, Portland.

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COLE & CO., INC., C. W., 320 E. 12th St., Los Angeles 15, Calif.—Dan H. Radke Co., 754 Natoma St., San Francisco; The Gleasons, 901 E. 45th St., Seattle.

COLE ELECTRIC COMPANY, 8439 Steller Dr., Culver City, Calif.—Earl S. Condon Co., 1151 S. Broadway, Los Angeles 15; C. E. Ingalls & Sons, 541 Monadnock Bldg., San Francisco 5; Fred W. Carlson, 2307 Fifth Ave., Seattle; J. Edward Edstrom, 319 N.W. Park Ave., Portland 9; C. A. D. Young, 726 Colorado Bldg., Denver; Elgin B. Robertson, Inc., 4101 San Jacinto St., Houston 4, and 1339 Plowman, Dallas 1; Industrail Electric Products, P.O. Box 1428, Phoenix.

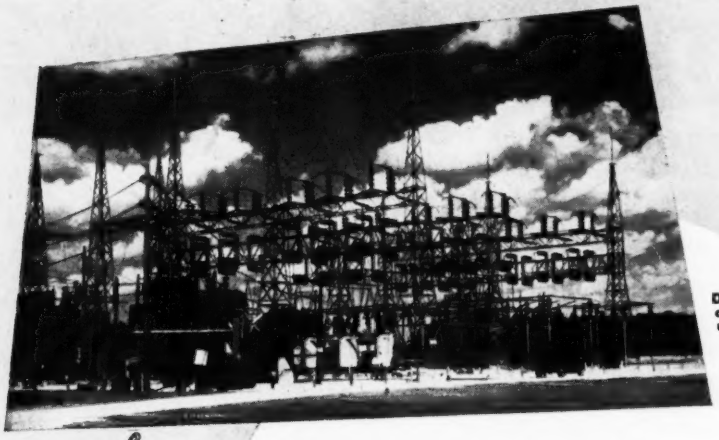
COLE INSTRUMENT CO., 1320 Grand Ave., Los Angeles, Calif.—California Instrument Co., 748 Prague St., San Francisco; Wm. S. Bryan, 6415 Latona Ave., Seattle.

COLLYER INSULATED WIRE CO. 249 Roosevelt Ave., Pawtucket, R. I.—Allied Industries, Inc., 412 Seaton, Los Angeles, Calif.

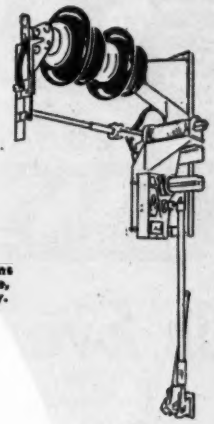
COLONIAL ELECTRIC PRODUCTS, INC., 1-115 Market St., East Paterson, N. J.—Robt. C. Brinkley Co., 1008 Western Ave., Seattle 4.

COLONIAL-PREMIER CO., 466 W. Superior St., Chicago, Ill.—Appliance Distributors, Wazee Market, Denver; Household Associates, 6923 Snider Plaza, Dallas; Tim Healy, 937 Avenue N., Seattle; Columbia Elec. & Mfg. Co., South 123 Wall, Spokane; Monitor Distributors, 604 Utah, Butte, Mont.

COLSON CORPORATION, N. Cedar St., Elyria, Ohio—Colson Equipment & Supply in Los Angeles and San Francisco; R. H. Brown Co., Seattle and Portland; Armstrong Equipment & Supply, Denver; Dillon Scale & Equipment, Dallas and Houston.

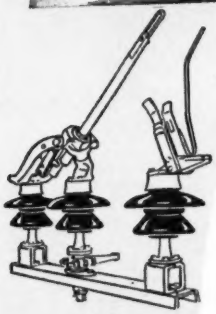


Delta-Star substations combine appearance, utility and economy.



Type "SG," 92-5 Kv. high speed grounding switch.

# There is a Delta-Star product for every power switching requirement



23 Kv. 600 Ampere "MK-40" single pole unit.

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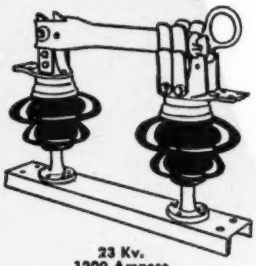
- Disconnect Switches (Indoor and Outdoor)
- Outdoor Substations
- Bus Supports (Indoor and Outdoor)
- Cable Supports
- Terminators (Potheads)
- Power Connectors
- Conductor Fittings
- Metal Enclosed Buses
- Interrupter Switches
- Pipe Fittings (Uniclamps)
- Motor Operating Mechanisms
- Plugs and Receptacles
- High Speed Grounding Switches
- Crane Rail Supports

34.5 Kv. single-conductor Type "SBO" outdoor terminator.



23 Kv. 1200 Ampere "B-2K" hook operated disconnect.

**DELTA-STAR** service is complete. Delta-Star Switches and Related Equipment are known and respected throughout the world for their advanced design and construction; sturdy, reliable performance under all conditions; simplicity, ease of installation and operation.

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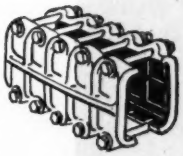
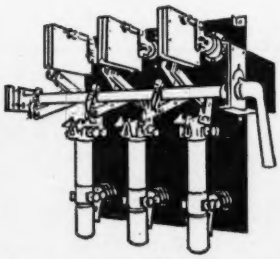


Type "CS" straight connector for square tubing.



Type "SL" interrupter switch.

23 Kv. 3000 Ampere, Type "J-14P" indoor disconnect.

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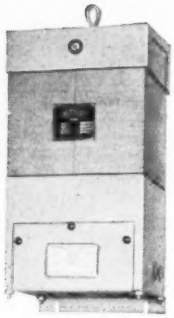
DELTA STAR ELECTRIC

# SORGEL AIR-COOLED TRANSFORMERS

Dry-Type

¼ to 1 Kva
Single Phase



1½ to 7½ Kva
Single Phase
Wall Mounting Type

## For Every Purpose

¼ to 1500 Kva Single phase. 1 Kva to 3000 Kva 3-phase.

To operate 120 volt lighting and portable equipment from 240, 480 or 600 volt power circuits.

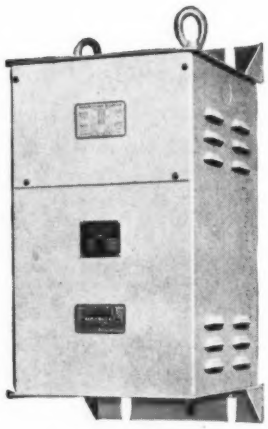
To operate special equipment from standard circuits.

To change odd voltages to standard voltages and phase changing.

For interior high voltage distribution systems with transformers at load centers, up to 15,000 volts.

Also—Reactors.

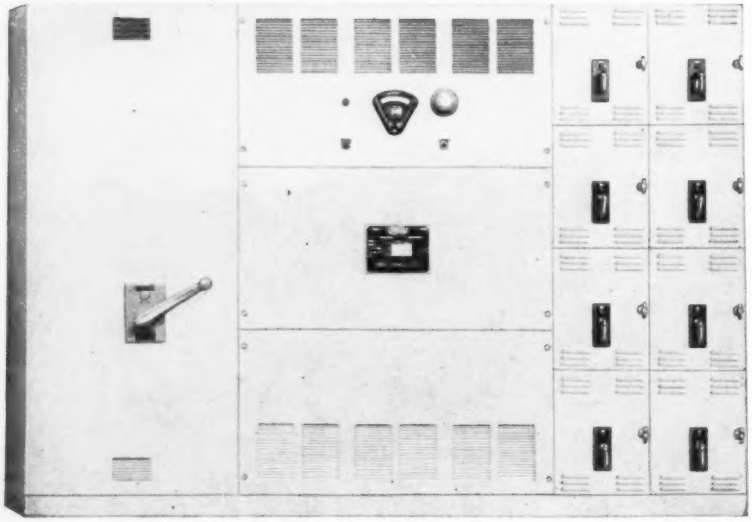
- Electronic and rectifier transformers.
- Signal transformers.
- Control transformers.
- Pipe thawing transformers.
- Soldering and brazing transformers.
- Special custom-built transformers.



15 Kva 3-phase
Wall mounting type

## Unit Sub-Stations

For interior high voltage distribution systems with transformers at load centers. Sizes up to 3000 Kva and up to 15,000 volts.



2000 Kva 12,000 volt sub-station, with primary fused load interrupter switch, secondary breakers, temperature indicator and alarm, and extra contacts that may be used to operate forced draft fans to increase capacity.

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2523 McKinney, Dallas, Texas

Campbell & George Co.
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H. D. Easterbrook
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Fred W. Carlson
2307 5th Ave., Seattle, Wash.

J. E. Edstrom
319 S.W. Washington St., Portland, Ore.

Floyd H. Boyer
Box 1751, Denver, Colorado

**SORGEL ELECTRIC CO., 844 W. National Ave., Milwaukee 4, Wis.**

COLUMBIA CABLE & ELECTRIC CORP., 255 Chestnut St., Brooklyn, N. Y.—Robt. R. Prussia Co., 224 Harriet St., San Francisco; Frank H. Bran Co., 607 E. 6th St., Los Angeles; The Sanderlin Co., 129 1st Ave. W Seattle and 201 S.E. Washington, Portland; Kenneth B. Schumann Co., 1073 Galapago St., Denver; Olsen-Robertson Co., Dallas.

COLUMBIA ELECTRIC & MFG. CO., N. 2310 Fancher Way, Spokane, Wash. — General Electric Supply Corp., all cities; W. J. Ashton, c/o Omer Cox Co., Rialto Bldg., San Francisco; J. E. Phillips, 700 Turner St., Los Angeles; H. A. Gardner, 575 Dexter Horton Bldg., Seattle; R. B. Cooper, 900 Front St. E., Butte, Mont.

COLUMBIA ELECTRIC MFG. CO., 4519 Hamilton Ave., Cleveland 14, Ohio—The James L. Kearns Co., 7930 S.E. Stark, Portland 16; Belilove Company, 420 Market St., San Francisco 11.

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COMBUSTION ENGINEERING SUPERHEATER INC., 200 Madison Ave., New York—Branch offices: 510 W. 6th St., Los Angeles; 116 New Montgomery, San Francisco; 1940 Blake St., Denver; 210 S.W. Temple St., Salt Lake City; Mellie Esperson Bldg., Houston.

COMMERCIAL ENCLOSED FUSE CO. of N.J., 6812 Polk St. Guttenberg, N.J.—F. J. Airey Co., 1513 S. Mateo St., Los Angeles; Electric Agencies, 618 2nd Ave., Seattle; Tola Sales, 1708 Laws St., Dallas.

COMMERCIAL FILTERS CORP., 2 Main St., Melrose, Mass.——Montgomery Bros., 1122 Howard St., San Francisco; 2113 S. San Pedro, Los Angeles; 911 Western Ave., Seattle; 1815 N.W. Northrup, Portland.

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CONDUIT NIPPLE MFG. CO., 1455 Spring Garden Ave., Pittsburgh, Pa.—George A. Gray Co., 2720 17th, San Francisco 10; Jack Payne Sales Co., 433 Colyton St., Los Angeles; Pacific Electric Sales Co., 140 S.E. 28th Ave., Portland.

CONDUIT PIPE PRODUCTS CO., 157 W. Fulton St., Columbus, Ohio — Northwestern Agencies, 4130 First Ave., S. Seattle 4, Wash.; J. J. Schaller, 837 Traction Ave., Los Angeles 13; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver; Walter J. Huemmer, Dallas Transfer & Terminal Warehouse Bldg., Dallas 2.

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CONNECTICUT HARD RUBBER CO., 407 East St., New Haven, Conn.—Western Hardware & Tool Co., 122 10th St., San Francisco; Branch office: 521 N. La Cienega Blvd., Los Angeles, Calif.

CONNECTICUT TELEPHONE & ELECTRIC CORP., 70 Britannia St., Meriden, Conn.—Kjaer Equipment Co., 1261 Howard St., San Francisco; H. H. Van Luven Co., 537 Ceres Ave., Los Angeles; Edward A. Ryan, 4271 S.E. Stark St., Portland 15; General Electronics Co., 5424 Lawndale, Houston 3, and W. J. Mountford, 7306 Harrisburg Blvd., Houston; Western Equipment Co., Inc., 862 Richard St., Salt Lake City; O. Proby & Associates, 522 First Ave., South, Seattle 4.

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CONTINENTAL ELECTRIC EQUIPMENT CO., 10 Kenner St., Ludlow, Ky.—J. E. Teegardin, 1702 C. Fair Oaks Ave., South Pasadena, Calif.; McLoughlin Co., P.O. Box 3255 Terminal Annex, Los Angeles 54; Fred W. Carlson, 2307 5th Ave., Seattle; George E. Honn Co., 420 Market St., San Francisco.

**CONTINENTAL RADIANT GLASS HEATING CORP.,** 1 E. 35th St., New York City—Radiant Glass Heating Corp., 845 W. Washington Blvd., Los Angeles; North South Products Co., 946 Elliott Ave. W., Seattle.

**CONTINENTAL SILVER CO.,** INC., 32 33rd St., Brooklyn, New York—Irving H. Richter, 137 So. Lafayette Park Pl., Los Angeles.

**CONTROL CORPORATION, 718 Central Ave., Minneapolis, Minn.—Garland-Affolter Eng. Co., in following cities: 58 Sutter St., San Francisco; 2603 Western Ave., Seattle; 1233 N.W. 12th Ave., Portland; C. P. Crowley, 117 W. 9th St., Los Angeles; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver; Frank W. Gorman, P. O. Box 223, El Paso.**

**CONTROL ENGINEERING CORP.,** Canton, Mass.—J. T. Hill Sales Co., 800 W. 11th St., Los Angeles 15; Gates Co., 200 South Main St., Salt Lake City; Earl Lipscomb Associates, P.O. Box 8042, Dallas.

**CONTROL PRODUCTS, INC., 306 Sussex, Harrison, N. J.—Thorson Co., 1644 N. Orange Grove Ave., Los Angeles, and Eastman Pacific Co., 2320 E. 8th St., Los Angeles; W. N. Wright, 4515 Prentice St., Dallas.**

**CONVEYOR CO.,** 3260 E. Slauson Ave., Los Angeles.

**COOLERATOR CO., THE, 128 W. 1st St., Duluth, Minn.—Branch Offices: W. A. Kuehlthau, Dist. Sales Manager, 7309 50th Ave. N.E. Seattle 5; Glenn Earl, Inc., 245 So. 1st West, Salt Lake City; Schafer-Wright, Inc., 1231 N.W. Hoyt Ave., Portland; Seattle Radio Supply, Inc., 2117 Second Ave., Seattle; True's Dist. Co., N. 730 Hamilton St., Spokane.**

COOPER HEWITT ELECTRIC CO., 720 Grand St., Hoboken, N. J.—Shannon Luminous Materials Co., 7356 Santa Monica Blvd., Hollywood 46, Calif.; Leo Kaufman, 729 Harrison St., San Francisco.

COOPER THERMOMETER CO., Main St., Pequabuck, Conn.—Perry B. Miller, 2030 Livingston St. Oakland 6, Calif.; V.T. Rupp, Co., 2230 W. 11st St., Los Angeles 6; Charles C. DeBruler, P.O. Box 54, Denver.

CO-OPERATIVE UTILITIES CO., INC., 4639 Mulberry St., Philadelphia 24, Pa.—Electric Agencies, 6420 Salem St., Oakland; H. G. Rising, 151 N. Vermont Ave., Los Angeles and Fletcher Elec'l Specialty Co., 611 W. Pico Blvd., Los Angeles.

**T. J. COPE, INC, 711 South 50th St., Philadelphia, Pa.—George E. Honn Co., 420 Market St., San Francisco; R. F. Hamilton Associates, 512 Insurance Bldg., Denver; H. J. Randolph Co., 736 Santa Anita St., San Gabriel, Calif.; Fred W. Carlson, 2307 Fifth Ave., Seattle 1, 607 Portland Trust Bldg., Portland.**

**COPELAND REFRIGERATION CORP., Sidney, Ohio—John L. Zant, 4215 Berenice, Los Angeles 31.**

**COPPERWELD STEEL, Glassport, Pa.—Branch Office: Harry J.** Billica, Dist. Mgr., Monadnock Bldg., San Francisco 5; L. E. McGuire, Dist. Mgr., Vance Bldg., Seattle 1.

**CORNELL DUBILIER ELECTRIC CORP., South Plainfield, N. J.—George E. Honn Co., 420 Market St., San Francisco; W. C. King, 912 E. 3rd St., Los Angeles 13; W. J. Cottrell, 11341 S. W. Pacific Highway, Portland 1; Muth-Richards Co., 700 Fifth Ave., So., Seattle 4; Riter Engineering Co., Kearns Bldg., Salt Lake City; Tinling & Powell, E. 706 Sprague Ave., Spokane 8.**

**CORNING GLASS WORKS, Corning, N. Y.—Branch Office: 1355 Market St., San Francisco (T. J. Thompson, Manager).**

CORNISH WIRE CO. INC., 50 Church St., New York City—J. M. Fincke (all of Calif.) 1848 N. Main St., Los Angeles 31 and 782 Byrant St., San Francisco; The Sanderlin Co., 129 First Ave. W, Seattle 99; A. J. Nelson Co., Box 2244, Denver; Crockett-Lund & Co., Irwin-Keasler Bldg., Dallas.

**COROAIRE HEATER CORP., THE, 1422 Euclid Ave., Cleveland, Ohio—James A. Bertha, 910 S. Shepherd St., Houston; J. H. Nicodemus, 230 S. 4th St. W., Salt Lake City.**

**CORY CORPORATION, 221 N. La Salle, Chicago, Ill.—E. H. Sager,** Western Division Sales Mgr., 850 El Campo Dr., Pasadena 8, Calif.; **Thomas A. Payton, 527 Hewitt, Rockaway Beach, Calif.; Arthur H. Huot, 4702 Stoneway, Seattle 3.**

**COTTRELL PAPER CO., INC., Rock City Falls, N. Y.—Tri-State Supply Corp., in following cities: 544 S. San Pedro St., Los Angeles; 554 Bryant St., San Francisco; 318 Occidental Ave., Seattle 4; Urquhart Service, 307 Mercantile Bldg., and Electric Motor Supply Co., 1646 Blake St., Denver.**

**COUCH CO., INC., S. H., 3 Arlington St., North Quincy, Mass.—Garnett Young & Co., in following cities: 390 4th St., San Francisco; 910 E. 3rd St., Los Angeles; 503 Polson Bldg., Seattle; 1238 N.W. Gilsan St., Portland; J. R. Christensen, 247 E. Fifth, South, St., Salt Lake City.**

COUNTER & CONTROL CORP., 5225 W. Electric Ave., Milwaukee, Wis.—H. D. Easterbrook, 1264 So. Boyle, Los Angeles 23; Campbell & George Co., 379 Brannan St., San Francisco.

COX AND STEVENS AIRCRAFT CORP., Glen Cove Road, Mineola, New York— James Dean, Empire Eng. Co., 385 East Green St., Pasadena 1, Calif.

CRAMER CO., INC., THE R. W. Centerbrook, Connecticut—H. E. Held, 120 Main St., San Francisco 5; Fred W. Carlson, 2307 5th Ave., Seattle 1; J. E. Edstrom, 319 S.W. Washington St., Portland 4; Allen I. Williams Co., 1009 17th St., Denver 2; Milton A. Stolaroff, 4614 Northridge Dr., Los Angeles 43.

**CRESCENT INSULATED WIRE & CABLE CO., North Olden Ave., Trenton, N. J.—Murphy-Hain Co., 720 E. 2nd St., Los Angeles 12; Shaffer & Nelson Co., 312 Occidental Ave., Seattle 4, and 1204 N.W. Glisan St., Portland 9.**

**CRESCENT TOOL CO., 200 Harrison St., Jamestown, N. Y.—Sold thru all leading hardware jobbers.**

**CRESCENT VALVE CO., 611 Shirley Ave., El Monte, Calif.—Ralph B. Lundy, 1063 Howard St., San Francisco.**

**CRISE CONTROLS DIV., The Acro Mfg. Co., 2040 E. Main St., Columbus, Ohio—Fred F. Alleman, 1709 W. 8th St., Los Angeles 14; C. B. Parsons, 3028 First Ave., Seattle; R. H. Fisher Sales Co., 30 Harriet St., San Francisco.**

CRITTENDEN TRANSFORMER WORKS, 1220 Nadeau St., Los Angeles 1, Calif.

CROCKER-WHEELER DIV.—(See Elliott Co.)

**CROUSE-HINDS CO., Wolf and 7th North Sts., Syracuse, N. Y.—Branch Offices: W. R. Major, Jr., Regional Manager, 370 Brannan St., San Francisco; H. L. White, Div. Mgr., 510 Petroleum Bldg., Los Angeles; F. A. Waker, 408 N.W. 12 Ave., Portland; L. F. Busse, Regional Mgr., 1056 4th Ave. So., Seattle; T. J. Vieau, 303 Majestic Bldg., Denver.**

**CROWN BROILER CO., 655 Thayer St., New York City—Stutz-Simmons Inc., 712 S. Olive St., Los Angeles 14.**

**CRUCIBLE STEEL CO. OF AMERICA, 405 Lexington Ave., New York City—Branch Offices: H. G. Bain, Manager, 2050 Bryant St., San Francisco 10; P. F. Harris, Mgr., 1207 Santa Fe Ave., Los Angeles 21; R. L. Stark, Mgr., 2635 Walnut St., Denver; D. R. Meslang, Mgr., 2755 1st Ave. So., Seattle 4.**

CUMMINS-CHICAGO CORP., (Formerly Portable Tools) 4740 N. Ravenswood Ave., Chicago 40, Ill.— Lynn & Brooks, 3055 Wilshire Blvd., Los Angeles, 2048 Market St., San Francisco; Lynn & Hemphill, 301 N. Market St., Dallas.

CURTIS DEVELOPMENT & MFG. CO., 3266 N. 33rd St., Milwaukee, Wis.—M. A. Stolaroff, 4614 Northridge Dr., Los Angeles; Nickerson & Rudal, 383 Brannan St., San Francisco; A. J. Nelson, Box 5502, Denver; C. B. Parsons, 3028 First Ave., Seattle 1.

CURTIS LIGHTING, INC., 6135 W. 65th St., Chicago, Ill.—W. K. Turner, Terminal Sales Bldg., Seattle 1; E. C. Dunn, 150 Park Place, Littleton, Colo.; F. H. Simmer, 1431 Levee St., Dallas 7; J. D. Erickson, 119 New Montgomery St., San Francisco.

CUTLER-HAMMER, INC., 234 N. 12th St., Milwaukee, Wis.—Branch Offices: 2130 3rd St., San Francisco; 1795 Pasadena Ave., Los Angeles 31; 2946 Michigan Ave., Fresno and 4840 Cabrillo Way, Sacramento 20; 619 8th Ave., South, Seattle 4; 208 S.W. Stark St., Portland 4; 1031 15th St., Denver 2.

**D. & H. ELECTRIC CO., 2827 Altura Ave., La Crescenta, Calif.—G. M. Howard Associates, 782 Bryant St., San Francisco 7.**

**D O INDUSTRIAL PRODUCTS, 542 S. Dearborn St., Chicago 5, Ill.—Fred D. Benz Co., 444 Brannan St., San Francisco 7.**

**DV WELDING CONTROLS, 3959 Piedmont Ave., Oakland 11, Calif.**

DALY ELECTRIC CO., 1825 E. Jefferson, Phoenix, Ariz.

**DANBURY-KNUDSEN, INC., Danbury, Conn.—Wm. J. Purdy Co., 79 Ninth St., San Francisco; Western Enterprises, Inc., P.O. Box 1116, Gardena, Calif.**

**DAVEN CO., 189 Central Ave., Newark, N.J.—Ash Wood, Box 150, El Monte, Calif.**

**DANIELSON MFG. CO., Danielson,** Conn.—Jules D. Gratiot, 1101 Riverside Dr., Los Angeles 31.

**DAVEY TREE SURGERY, Russ Bldg., San Francisco—Branches: Los Angeles, San Diego, Sacramento.**

**DAVIS MFG. CO., Plano, Ill.—Pete Bach Electric Co., 1233 N.W. 12th Ave., Portland; D. A. Stienkamp Co., 936 St. Paul St., Denver.**

**DAY-BRITE LIGHTING, INC., 5411 Bulwer Ave., St. Louis 7, Mo.—Regional Sales Office: Matt Cabot,** 3718 Alameda de los Pulgas, San Mateo, Calif; M. J. Rudman, 1206 Long Beach Ave., Los Angeles; **R. M. Camnitz, P.O. Box 4166, Portland; E. B. Bomar, P.O. Box 1602, Phoenix; Thermal Eng. Co., P.O. Box 446, Salt Lake** City and Boise, Ida.; C. D. Belt Co., 1921 Blake St., Denver; J. H. Brundage, 55 Chumasera Dr. and 288 Seventh St., San Francisco.

**DAYTON ELECTRIC MFG. CO., 740 W. Adams, Chicago, Ill.—W. W. Grainger, Inc., in following cities: 519 Potrero Ave., San** Francisco; 1401 E. 3rd St., Los Angeles; 311 Occidental, Seattle; 822 W. 2nd Ave., Spokane; 613 N.W. Davis St., Portland; 168 W. South Temple, Salt Lake City.

**DAYTON PUMP & MFG. CO., 500 N. Webster St., Dayton, Ohio—Factory Sales Representatives: Edwin P. Cook, 1863 Wazee St., Denver; Paguin & Story, 1140 Redwood Highway, Grants Pass,** Ore.; Paramount Mfg. Co., 905 Mills Bldg., San Francisco.

**DAYTON RUBBER CO., 2342 Riverview Ave., Dayton, Ohio—Branch Office: W. J. Michel, 909 E. Slauson Ave., Los Angeles.**

**DEE ELECTRIC CO., 1101 N. Paulina St., Chicago 22, Ill.—John B. Tubergen Co., 2232 W. 11th St., Los Angeles 6.**

DEEPFREEZE APPLIANCE DIVISION, 2301 Davis St., North Chicago, Ill.—Frank Edwards Co., Inc., 382 6th St., San Francisco; Ray Thomas Co., 1601 S. Hope St., Los Angeles; Al Jennings, 607 W. Washington, Phoenix; Keefe Auto Supply, 3017 Montana Ave., Billings; Mountain States Dist., Inc., 622 S. State St., Salt Lake City; Boyd Dist. Co., 2209 Mills St., El Paso; Tubbs Electric Co., 165 South Post St., Spokane; Savage and Son, Inc., 203 Wazee Market, Denver; Schwabacher Hardware, 401 1st Avenue South, Seattle and Stubbes Electric Co., 33 N.W. Park Ave., Portland.

**DELTA ELECTRIC CO., 33rd and Nebraska Sts., Marion, Ind.—Lynn & Brooks, 2048 Market St., San Francisco; 3055 Wilshire Blvd., Los Angeles, and 9931 N.** E. Mason St., Portland; 965 Gas & Elec. Bldg., Denver.

**DELTA - STAR ELECTRIC DIVISION, (H. K. Porter Co., Inc.), 2437 Fulton St., Chicago 12, Ill.—Kirk-Palka Co., 420 Market St.,** San Francisco 11, and 415 Wall St., Los Angeles 13; Mountain States Machinery Co., 1526 Blake St., Denver 2; I. E. Cope Co., 1411 Fidelity Union Life Bldg., Dallas 1, and 2009 Fannin St., Houston 8; A. J. Elggren & Sons Co., P. O. Box 2106, Salt Lake City 13; Shaffer & Nelson, 1204 N.W. Glisan St., Portland and 824 Realty Bldg., Spokane. (See adv., p. 13.)

DEMPSTER MILL MFG. CO., 711 S. 6th St., Beatrice, Nebr.—Branch Office: Denver, Colo.

DEPENDABLE ELECTRIC MFG. CO., INC., 18-30 Johnson Ave., Brooklyn, N.Y.— Wm. Weston Co., 1133 Moraga St., San Francisco; Jerry Shane & Associates, 1509 W. 7th St., Los Angeles, and J. H. Kay, 4807 Beverly Blvd., Los Angeles

DESERT AIR LAMP—(See McCall's Desert Air).

DESPATCH OVEN CO., 619 S.E. 8th St., Minneapolis, Minn.—Lombard Smith, 714 W. Olympic Blvd., Los Angeles 15; Braun Corp., 2260 E. 15th St., Los Angeles; W. C. Matheson Co., 228 Ninth St., San Francisco; Beverly Hills Surg. Supply, 8345 Wilshire Blvd., Beverly Hills; Farnes & Martig, 417 N.E. Couch St., Portland; Grant Call, (Bakery), 1817 Ashbrook Ave., Long Beach; Western Surgical Supply, 661 S. Burlington Ave., Los Angeles; Atlas Supply (Bakery), 411 W. Washington Blvd., Los Angeles; Insulation & Wires, Inc., 2240 Washington Blvd., E., Los Angeles 21; Collins Baking Machinery Co., 4219 Grove St., Oakland; Insulation & Wires, Inc., 1077 Howard St., San Francisco; Clyde C. Smith (Bakery), 106 W. Merrill St., Phoenix; Fernholtz Machinery Co., 8466 Melrose Pl., Los Angeles 6.

DETECT-O-RAY COMPANY, 2622 N. Halsted St., Chicago 14, Ill.—James P. Hermans Co., 1234 Folsom St., San Francisco; C. H. Mitchell Co., 769 Venice Blvd., Los Angeles 15; Ronald G. Bowen, 1896 S. Humboldt St., Denver 10.

DETJEN CORPORATION, 303 W. 42nd St., New York 36, N.Y.—H. Kirby, 141 W. Avenidos de Lobas Marinos, San Clemente, Calif. Sold thru all General Electric Supply Corp. Houses.

DETROIT ELECTRIC FURNACE, Div. Kuhlman Elec. Co., 1000 24th St., Bay City, Mich.—C. P. Crowley, 117 W. 9th St., Los Angeles; Fred G. Guthrie, 420 Market St., San Francisco; Wm. J. Cottrell, 309 S.W. 3rd St., Portland 4.

DETROIT LUBRICATOR CO., 5900 Trumbull Ave., Detroit, Mich.—E. J. O'Connell, 6711 Sunset Blvd., Los Angeles 28; D. J. Gott, 1111 Academy Ave., Belmont, Calif.; L. O. Grauer, 618 2nd Ave., Seattle 4. P. E. Boucher, P. O. Box 1953, Denver 1.

DEWALD RADIO MFG. CORP., 35-15 37th Ave., Long Island City, N. Y.—Dave M. Lee Co., 2626 Second Ave., Seattle

DEXTER COMPANY, THE, 506 N. 9th St., Fairfield, Iowa—Globe Electric Co., 562 1st Ave. So., Seattle; Spokane Paper & Stationery Co., 152 S. Jefferson, Spokane; Harry L. Shane, Inc., 160 W. 33rd St., Los Angeles; Central Supply Co., 838 S.W. First Ave., Portland; J. Vear Hansen, 547 Douglas, Salt Lake City; J. J. Lukanish Co., 1355 Market St., San Francisco; Clyde Allen Co., 1355 Market St., San Francisco

DIAL LIGHT CO. OF AMERICA, INC., 60 Stewart Ave., Brooklyn, N.Y.—Harry A. Lasure Co., 2216 W. 11th St., Los Angeles 6; Berthold Sales Company, P. O. Box 1052, Dallas; George D. Norris Co., 3010 1st Ave., Seattle 1.

DIAMOND POWER SPECIALTY CORP., P. O. Box 415, Lancaster, Ohio—Branch Office: C. C. Moore & Co. Engrs., 450 Mission St., San Francisco; 409 Luhrs Bldg., Phoenix; 1119 Failing Bldg., Portland; 417 Smith Tower, Seattle 4; 1111 Wilshire Blvd., Los Angeles 11.

DIAMOND SAW WORKS, INC., 260 Court St., Buffalo, N.Y.—Central Chain Trans. 709 So. First St., Yakima; Electric Supply & Fixture, Walla Walla; Luce Ind. Tool Supply Co., 2410 1st Ave. So., Seattle; Globe Electric, 307 First Ave. So., Seattle; Tacoma Screw Products, 2004 Center St., Tacoma; Wall Lundberg Co., 1724 Pacific Ave., Tacoma; Home Electric, Tacoma; Wall Lundberg, 961 N. Loring, Portland.

DICKE TOOL CO., Downers Grove, Ill.—Maydwell & Hartzell, Inc., 158 11th St., San Francisco; 427 W. 5th St., Los Angeles; 306 Dexter Ave., Seattle; 814 Paulsen Bldg., Spokane 8; 210 W. Adams, Phoenix.

DIEHL MFG. COMPANY, Finderne Plant, Somerville, N. J. — De Laval Steam Turbine Co., 160 Folsom St., San Francisco 5. Albert S. Knight Co., 3010 Western Ave., Seattle 1.

DIELECTRIC PRODUCTS CO., 50 26th St., Pittsburgh, Pa.—Tri-State Supply Corp., 544 S. San Pedro St., Los Angeles, and 318 Occidental Ave., Seattle; Hodges & Glomb, 1264 Folsom St., San Francisco.

DILLON & CO., INC., W. C., 14620 Keswick St., Van Nuys, Calif.—Calif. Instruments Co., 748 Prague St., San Francisco.

DINGS MAGNETIC SEPARATOR CO., 4740 W. Electric Ave., Milwaukee, Wis.—Samson Sales Co., 420 Market St., San Francisco; A. W. Nash, 3312 W. Vernon Ave., Los Angeles; Hathaway-Thurlow Co., 706 Jones Bldg., Seattle.

DIVISION LEAD CO., 836 N. Kinzie St., Chicago, Ill.—Standard Wire and Cable Co., 3440 Overland Ave., Los Angeles 34, Calif.

DOERR ELEC. CORP. (Electro Machines Inc.) Cedarbury, Wis.—Monarch Supply Co., 277 Pennsylvania St., San Francisco 10; O. E. Warburg, 1207 East 8th St., Los Angeles.

DOLCO MFG. CO., 2350 Curry St., Long Beach 5, Calif.—Eckert-Lloyd Co., 2115 So. San Pedro, Los Angeles 11, and 144 Townsend St., San Francisco 7; Victor J. Miller, 4122 S.E. 10th Ave., Portland 2; Associated Agency Co., 4034 Cornell Ave., Houston.

DOLPH CO., JOHN C., New Road, Monmouth Junction, N.J.— Tri-State Supply Corp., 544 S. San Pedro St., Los Angeles; 554 Bryant St., San Francisco; 318 Occidental Ave., Seattle; Clarence W. Silver Co., 550 W. 7th South St., Salt Lake City; Powell Electric Corp., 403 Haines Ave. N.W., Albuquerque.

DONGAN ELECTRIC MFG. CO., 2987 Franklin, Detroit, Mich.—Keeler-White Co., 615 Seventh St., San Francisco; 1041 Sixth Ave. So., Seattle; 322 N.W. Fourth Ave., Portland; H.H. Van Luven, 120 S. Hewitt, Los Angeles.

DORMEYER CORP., 4300 N. Kilpatrick Ave., Chicago, Ill.—W. W. Wheat & Sons, 560 First Ave. South, Seattle; Fred C. Wood Co., 1355 Market St., San Francisco; Nelson R. Thomas Agency, P. O. Box 509, Main office, Los Angeles.

DOSSERT MFG. CO., 249 Huron St., Brooklyn, N. Y.—George S. Koch Associates, 420 Market St., San Francisco.

DOW CORNING CORP., Midland, Mich.—Branch office: 1514 So. Hope St., Los Angeles, J. J. Tyner, Western Mgr. Representatives—C. D. LaMoree Co., 1325 San Julian, Los Angeles; 2221 Fourth St., Berkeley, Calif., 166 Jackson St., Seattle and 711 N. W. Everett, Portland; National Electric Coil Co., 3435 E. Ocean Ave., Long Beach, Calif; Tri-State Supply Co., 544 So. San Pedro Los Angeles; 554 Bryant St., San Francisco, and 318 Occidental, Seattle.

DOYLE VACUUM CLEANER CO., 225 Stevens S.W., Grand Rapids, Mich.—J. M. Duval, 1683 34th Ave., San Francisco 22; Harry C. Younger, 1170 Laurel St., Pasadena 2, W. T. Naylor, 150 S. Fourth West St., Salt Lake City 11; O. J. Thomas, 1018 Southeast 8th Ave., Portland 14.

DRAKE ELECTRIC WORKS, INC., 3656 N. Lincoln Ave., Chicago 13, Ill.—E. V. Roberts & Associates, 5068 West Washington, Los Angeles 16, 988 Market St., San Francisco.

DRAKE MFG. COMPANY, 1713 W. Hubbard St., Chicago, Ill.—Radio Product Sales Co., 1501 So. Hill St., Los Angeles, Calif.; Wm. J. Purdy Co., 79 Ninth, San Francisco; Fred H. Haight, 2217A 4th Ave., Seattle.

DREMEL MFG. CO., 2409 18th St., Racine, Wis.—James J. Backer Co., 2321 2nd Ave., Seattle 1.

DRIVER COMPANY, WILBUR B., 750 Riverside Ave., Newark, N. J.—Electrical Specialty Co., 316 11th St., San Francisco; 418 E. Third St., Los Angeles; 2406 First Ave., So., Seattle; 1015 21st St., Denver 2; 6625 S. W. Canyon Lane, Portland.

DRIVER-HARRIS CO., Middlesex St., Harrison, N. J.—Angus-Campbell, Inc., 5320 Santa Fe Ave., Los Angeles 58, and 917 Bryant St., San Francisco 3.

DRYDEN RUBBER DIV., Sheller Mfg. Corp., 1014 S. Kildare Ave., Chicago, Ill.—R. C. Brinkley, 1008 Western Ave., Seattle.

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DULANE, INC., 1900 N. River Road, River Grove, Ill.—C. I. Perry, Jr., Western Sales Mgr., 543 Frederick St., San Francisco; Robt. Harris, 1161 S. Plymouth Blvd., Los Angeles; Bland F. Simmons, 4650 Wyndemere Circle, S.W., Portland; George Hyde, Jr., 366 Washington St., Denver.

DUMONT LABORATORIES, INC., Allen B., 750 Bloomfield Ave., Clifton, N.J.—W. C. Hitt Co., 1355 Market St., San Francisco and 1169 So. Broadway, Los Angeles; J. T. Hill Sales Co., 800 W. 11th St., Los Angeles.

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**DUNHAM CO., C. A.,** 402 W. Madison St., Chicago, Ill.—Williams, Gritton & Wilde, 204 Dooly Bldg., Salt Lake City.

**DUNTON CO., THE M. W.,** 7 Goff St., Providence, R. I. — Claude Michael Agency, 703 W. Ivy, Glendale 4, Calif.

**DURA ELECTRIC LAMP CO., INC.,** 64 E. Bigelow St., Newark, N. J.—Eckert-Lloyd Co., 2115 S. San Pedro St., Los Angeles; 144 Townsend St., San Francisco; L. M. Baxter, 1220 S.W. Stark St., Portland.

**DURAKOOL, INC.,** 1010 N. Main St., Elkhart, Ind.—H. S. Jones, 627 Rialto Bldg., San Francisco; R. Meussdorffer, 1315 E. 7th St., Los Angeles; Gillette & McLaren, Sherlock Bldg., Portland, and Arctic Bldg., Seattle.

**DURALUX COMPANY,** 770 Spruce St., Wooster, Ohio—Harry Henkel Associates, 439 Ellis St., San Francisco 3; Willis I. Gelder, 1842 Hooker St., Denver 2.

**DURO-TEST CORP.,** 2321 Hudson Blvd., North Bergen, N. J.—Hallie Price, 444 Market St., San Francisco; L. W. Kiff, 5036 37th N.E., Seattle 5; P. A. Petring, 4266 Normal Ave., Los Angeles, 27.

**DWYER MFG. CO., F. W.,** 303 S. Western Ave., Chicago 12, Ill.—Pacific Scientific Co., 25 Stillman St., San Francisco; 1430 Grande Vista Ave., Los Angeles 23; 1915 1st Ave. South, Seattle 4, Terminal Sales Bldg., Portland 5.

**DWYER PRODUCTS CORP.,** Calumet & Holiday Sts., Michigan City, Ind.—Dale Sales, Inc., 2508 West 6th St., Los Angeles, 420 Market St., San Francisco; Domestic Supply Co., 201 Westlake Ave., North, Seattle; Carl G. Meng, 1640 East Van Buren, Phoenix; Ben Cook Supply Co., 24th and Blake Sts., Denver; Alder's, 1343 South Main, Salt Lake City; Building Specialties Co., Billings, Mont.

**DYNAMATIC CORP.,** 3307 14th Ave., Kenosha, Wis.—T. C. Caskey, 1736 First Ave. So., Seattle 4; Charles E. Klaus, 1004 S.E. Belmont, Portland 14; Monarch Supply Co., 277 Pennsylvania Ave., San Francisco 10; Sierra Industries, Inc., 935 S. Santa Fe Ave., Los Angeles 21.

**EAGLE ELECTRIC MFG. CO., INC.,** 23-10 Bridge Plaza South, Long Island City, N. Y.— R. F. Gratiot, 525 S. Crocker St., Los Angeles; M. Levin, 2438 S.W. 4th Ave., Portland 7; Brill Electric Sales, 446 Bryant St., San Francisco.

**EAGLE MFG. CO.,** Div. of Four Wheel Drive Auto Co., Appleton, Wis.—Branch Offices: FWD Pacific Co., 469 Bryant St., San Francisco; FWD Pacific Co., 2700 So. Broadway, Los Angeles. Represented in other territories by Graybar Electric Co.

**EAGLE MFG. COMPANY,** Wellsburg, West Va.—Gillette & McLaren, 309 S.W. Third Ave., Portland 4, and 4th and Cherry Bldg., Seattle; J. J. Brown Co., 206 S. Spring St., Los Angeles 12, and 420 Market St., San Francisco 11.

**EAGLE SIGNAL CORPORATION,** 202 20th St., Moline, Ill.—Bernard S. Hundley, 3532 Fletcher Drive, Los Angeles 65; Instrument Sales, 2137 Second Ave., Seattle 1; Sherman Nabaum, 4777 S. 13th East, Salt Lake City 7; Campbell & George Co., 379 Brannan St., San Francisco 7; Peterson Co., 4949 Colorado Blvd., Denver 16.

**EARL LIGHTING PRODUCTS** Corp., 1413 Bainbridge St., Philadelphia 46, Pa.—Joe Blonder, 2617 N.E. 14th Ave., Portland 12; R. L. Lamberth, 320 Judah St., San Francisco.

**EASTERN FIXTURE CO., INC.,** 170 Vernon St., Boston 20, Mass.—L. J. Sullivan Co., 5225 Wilshire Blvd., Los Angeles.

**EASTERN SPECIALTY CO.,** 3617 N. 8th St., Philadelphia, Pa.—Ken H. Best, 541 First Ave. So., Seattle 4; C. C. Blecksmith, 164 S. Central Ave., Los Angeles 12; Sales Engineers, Inc., 1440 11th St., Denver 4; J. E. Rogers, 102 Thomas Bldg., Dallas 1; W. C. Mills, So. 1206 McClellan St., Spokane.

**EASTMAN PACIFIC CO.,** 2320 E. 8th St., Los Angeles 21—G. M. Howard Associates, 782 Bryant St., San Francisco 7.

**EASTERN TUBE & TOOL CO., INC.,** 75 Onderdonk Ave., New York City—Fred E. Staible & Sons, 2046 Arapahoe St., Denver 2; The McLoughlin Co., P. O. Box 3255, Los Angeles 54; Keeler, White Co., 615 Seventh Ave., San Francisco 3; Bruce-Emmett Co., 830 S.E. Alder St., Portland, and 1016 First Ave. So., Seattle 4.

**EASY WASHING MACHINE CORP.,** Solar, Spencer & Clinton Sts., Syracuse, New York—Branch Offices: 1355 Market St., J. C. West, Divisional Mgr., San Francisco 3; Dist. Mgrs., W. K. Kuhn, 2005 Ocean Blvd., Balboa, Calif.; Bernard Morris, 21267 Hobart St., Castro Valley, Calif.; A. C. Smith, 958 Hartzell St., Pacific Pasisades, Calif.; Donald B. Wallrich, 2840 Claire Court, Sacramento; N. F. Lessenger, 9058 E. Shorewood Dr., Mercer Island, Wash.; W. R. Wilson, 23303 50th Ave., West, Edmonds, Wash.; T. Pierce, 4646 Reinhardt Dr., Oakland, Calif.

**EBCO MANUFACTURING CO.,** 401 W. Town St., Columbus, Ohio—Duane R. Larrabee, 7307 W. 91st St., Los Angeles 45; W. H. Connors, 1590 Eudora St., Denver; Leo J. Freitas, 4801 Lemmon Ave., Dallas 2.

**ECONOLITE CORP.,** 3517 West Washington Blvd., Los Angeles, Calif.—Branch Office: 1893 Mission St., San Francisco; Pacific Bldg., Salem, Ore.

**ECONOMASTER SALES, INC.,** 120 Ninth Ave. No., Nashville, Tenn.—The O. B. Wilt Co., 1355 Market St., San Francisco.

**ECONOMY FUSE & MFG. CO.,** 2717 Greenview Ave., Chicago, Ill.—Branch Offices: G. T. Bryant and H. B. Brown, Jr., 780 Natoma St. at 9th, San Francisco 3; C. H. Bluske, 5100 Ambrose Ave., Los Angeles 27; G. H. A. Gustafson, P. O. Box 766, Portland 7; P. G. Gilberson, 17232 Beach Dr., N.E., Seattle 55. (See ad, p. 18.)

**EDISON, INC., THOMAS A.,** Lakeside Ave., West Orange, N. J.—The Ediphone Co., 919 Second Ave., Seattle 44, 125 S. Stevens St., Spokane 8, 1636 Logan St., Denver 2, and 516 W. Copper, Albuquerque, N. M.; Farrington Service, 718 W. Burnside St., Portland; George E. Montgomery Co., 1344 W. Olympic Blvd., Los Angeles 15; Ward Harris, Inc., 555 Market St., San Francisco 5; Syms-York Co., 2401 Main St., Boise, Ida.; ZCMI, 57 S. State St., Salt Lake City; The Mailing Shop & Office Supply, 12 Third St. N., Great Falls, Mont.

**EDWARDS COMPANY, E. H.,** 625 Market St., San Francisco, Calif.—Branch Offices: Los Angeles, Portland and Seattle, Houston, Texas.

**EDWARDS COMPANY, INC.,** Norwalk, Conn.—R. L. Kempston, 617 7th St., San Francisco; R. S. Edwards, Jr., 1004 E. Fourth St., Los Angeles 13; Elmer Johnston, 209 Hyde Bldg., Spokane; D. A. King, 220 Regal Bldg., Portland; F. A. Strohecker, 2207 First Ave. South, Seattle 4; Harry F. Ream, 1028 Champa St., Denver 4; Wynn Snoots, Santa Fe Bldg., Dallas 2; 2009 Fannin St., Rm. 105, Houston 8.

**EFFICIENCY ELECTRIC & MFG. CO.,** Park Ave., Extension, East Palestine, Ohio—Sold thru Westinghouse Electric Supply, Graybar and General Electric Supply in all principal cities.

**EITEL-McCULLOUGH, INC.,** San Bruno, Calif.—Herb Becker, 1140 Crenshaw Blvd., Los Angeles; Dave M. Lee, 2517 Second Ave., Seattle; W. Clif McLoud, 5528 E. Colfax, Denver; Frazer & Hansen, Ltd., 301 Clay St., San Francisco 11.

**EJS CORP.,** 921 E. Pico Blvd., Los Angeles, Calif.—L. M. Baxter Co., 1220 S. W. Stark, Portland and 908 Lowman Bldg., Seattle.

**ELCO CO.,** Bayonne, N. J.—J. T. Hill Sales Co., 800 W. 11th St., Los Angeles.

**ELECTRA INSULATION CORP.,** 33-30 57th St., Woodside, N.Y.—Tri-State Supply Corp. in following cities: 544 S. San Pedro St., Los Angeles; 554 Bryant St., San Francisco; 318 Occidental Ave., Seattle.

**ELECTRA MFG., CO.,** 2537 Madison Ave., Kansas City 8, Mo.—G. M. Howard Associates, 782 Bryant St., San Francisco 7.

**ELECTRA MOTORS, INC.,** 1110 N. Lemon St., Anaheim, Calif.—Kern Elec. Dist., Box 1754, Bakersfield; Valley Foundry & Mach. Works, 2718 E Ave., Fresno; Hindley Equip. Co., 50 Hawthorne St., San Francisco; Monarch Supply Co., 546 Howard St., San Francisco; The Adam-Hill Co., 244 9th St., San Francisco; Orchard Supply, 720 W. San Carlos St., San Jose; Smallcomb Elec.,

# DUNCAN

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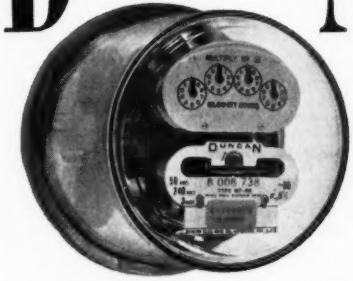

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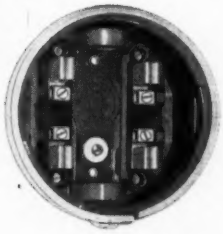

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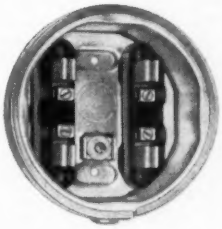

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- **Paul A. Douden & Co., 1645 Wazee St., Denver 2, Colo.**
- **W. H. Eddy Elect. Products, Inc., Box 1428, Phoenix, Ariz.**
- **Eicher & Co., 263 Colman Bldg., Seattle 4, Wash.**
- **North Coast Electric Co., 625 N.W. Everett St., Portland 9, Ore.**
- **North Coast Electric Co., 171 Jackson St., Seattle 4, Wash.**
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ELECTRIC-AIRE ENG. CORP., 209 W. Jackson Blvd., Chicago, Ill.—Branch offices: E. W. Hoeppner, 575 Pierce St., San Francisco, A. S. Hewitt, 1512 N Street, Sacramento; S. Harrison, 13931 Northwood Road, Seattle 77; Paul R. Spencer Co., 4000 York St., Denver and 400 Dooly Bldg., Salt Lake City; Frazier Eng. Corp., 432 Kress Bldg., Houston; Chester Salisbury, 290 W. Foothill Ave., Arcadia, Calif.

ELECTRIC CONTROLLER & MFG. CO., 2700 E. 79th St., Cleveland 4, Ohio— T. R. Routh Co., 742 Market St., San Francisco; J. B. Ambler, Denver National Bldg., Denver 2; Thomas Machinery Co., 2500 W. 6th St. Bldg., Los Angeles; Riter Engineering Co., Kearns Bldg., Salt Lake City; Shaffer and Nelson, 312 Occidental Ave., Seattle 4; 1215 N. W. Everett St., Portland 9; 801 Realty Bldg., Spokane 8.

ELECTRIC CORDS & SUPPLY CO., 413 E. 3rd St., Los Angeles, Calif.—W. E. Wallace, 445 Bryant St., San Francisco.

ELECTRIC DEODORIZER CO., 9993 Broad St., Detroit 4, Mich.—Invincible Sales Corp., 2303 W. 9th St., Los Angeles 6.

ELECTRIC FISH SCREEN CO., 1130 N. Poinsettia Place, Hollywood, Calif.—Thru Westinghouse Elec. Corp., and branches.

ELECTRIC FLY SCREEN CO., INC., 430 W. Hoffman Ave., Lindenhurst, L. I., New York—Gilbert Hammond, 408 Allen Ave., Glendale, Calif.

ELECTRIC MACHINERY MFG. CO., 800 Central Ave., Minneapolis, Minn.—Branch Offices: A. C. Petrich, 2603 Western Ave., Seattle; H. B. Tinling, East 706 Sprague Ave., Spokane; George R. Schulz, 1233 N.W. 12th Ave., Portland; F. G. Guthrie, 420 Market St., San Francisco; W. C. King, 335 E. Florence Ave., Los Angeles; M. G. Mueller, 1644 Blake St., Denver; C. W. Silver, 550 W. 7th South St., Salt Lake City; J. E. Redmond, 625 W. Madison St., Phoenix.

ELECTRIC MOTOR CORP., Div. Howard Industries, Inc., 1215 State St., Racine, Wis.—Ralph K. Reid Co., 1911 W. 9th St., Los Angeles; Logan Sales, 530 Gough St., San Francisco; Dave M. Lee, 2626 2nd Ave., Seattle; Patterson & Co., Reserve Loan Life Bldg., Dallas.

ELECTRIC PRODUCTS CO., 1725 Clarkstone Road, Cleveland 12, Ohio—Hubert Kaub & Co., 1025 Santa Fe Dr., Denver; Chas. E. Klaus, 1004 S.E. Belmont, Portland 4; D. T. Elliott, 420 Market St., San Francisco 11; L. R. Muth, 2605 Western Ave., Seattle; Robt. A. Young & Co., 3901 San Fernando Rd., Glendale 4, Calif.

ELECTRIC SERVICE MFG. CO., 17th and Cambria Sts., Philadelphia, Pa.—Harry M. Euler Co., 225 S.W. First Ave., Portland; Dom Politeo, 547 Howard St., San Francisco; A. W. Arlin, 1812 W. Silver Lake Dr., Los Angeles; Franklin Sales Co., 1219 California St., Denver 4; Conely Eng. Co., 165 S First West St., Salt Lake City; A & A Supply Co., P. O. Box 1516, Albuquerque.

ELECTRIC SPECIALTY CO., 211 South St., Stamford, Conn.—T. R. Routh Company, 742 Market St., San Frncisco 2; The James L. Kearns Co., P.O. Box 5108, Portland 16.

ELECTRIC SPRAYIT CO., 1415 Illinois St., Sheboygan, Wis.—Nickerson & Rudat, 381 Brannan St., San Francisco; Eastman Pacific Co., 2320 E. 8th St., Los Angeles; L. D. Tuttle, 1711 Cochran St., Dallas; Maxwell Tibb & Co., 8030 40th Ave., N.E. Seattle.

ELECTRIC STEAM RADIATOR CORP., No. One Electric Ave., Paris, Ky.—George E. Smith Co., Bendix Mart, Los Angeles.

ELECTRIC STORAGE BATTERY CO., 42 So. 15th St., Philadelphia 2, Pa.—Branch Offices: 1043 S. Grand Ave., Los Angeles 15; 6150 Third St., San Francisco; 1919 Smith Tower Bldg., Seattle; 810 14th St., Denver 2.

ELECTRIC SWITCH CORP., 1102 Michigan Ave., Columbus Ind.—Ed. Warburg Co., 1207 E. 8th St., Los Angeles 21.

ELECTRIC TACHOMETER CORP., 2220 Vine St., Philadelphia 3, Pa.—Pacific Scientific Co., 25 Stillman St., San Francisco; 1430 Grande Vista Ave., Los Angeles; 1915 First Ave. South, Seattle. Terminal Sales Bldg., Portland.

ELECTRIC TERMINAL CORP., 75 Virginia Ave., Providence, R.I.—John B. Tubergen Co., 2232 W. 11th St., Los Angeles 6.

ELECTRICAL APPLIANCE SERVICE CO., 4238 Broadway, Oakland, Calif. (Little Giant Washer, formerly).

ELECTRICAL COMMUNICATIONS, INC., 765 Clementina St., San Francisco, Calif.

ELECTRICAL ENGINEERS EQUIPMENT CO., 25th Ave. and Division St., Melrose Park, Ill.—H. B. Squires, 156 8th St., San Francisco; A. A. Barbera & Co., 311 N. Martel Ave., Los Angeles. Graybar Electric Co., Inc., other principal cities—King and Occidental Sts., Seattle; Park and Flanders, Portland; 14th and Idaho, Boise, 104 Wazee Market, Denver, and 434 W. Madison St., Phoenix; The Darger Co., 328 W. 2nd So. St., Salt Lake City.

ELECTRICAL FACILITIES, INC., 4224 Holden St., Oakland, Calif.—C. C. Blecksmith, 164 S. Central Ave., Los Angeles; Arthur E. Booth, 265 S. Alexandria Ave., Los Angeles.

ELECTRICAL FITTINGS CORP., 37-50 57th St., Woodside, N. Y.—Bruce-Emmet Co., 830 S.E. Alder, Portland, and 1016 1st Ave. So., Seattle; Robert R. Prussia Co., 224 Harriet St., San Francisco; The McLoughlin Co., 811 E. 14th Place, Los Angeles; L. S. Reed Co., 1018 Lawrence St., Denver; W. L. Clinton Co., 3735 Underwood St., Houston and 4044 Hawthorne, Dallas.

ELECTRICAL MFG. CO., 153 Angell St., Butte Creek, Mich.—H. J. Randolph, 736 Santa Anita St., San Gabriel.

ELECTRICAL REACTANCE Corp., Seneca St., Olean, N. Y.—C. H. Mitchell Co., 1221 W. 11th St., Los Angeles 15.

ELECTRICAL REFRACTORIES CO., East Clark St., East Palestine, Ohio—E. A. Wilcox Co., 406 So. Main St., Los Angeles 13, and 277 7th St., San Francisco 3.

ELECTRIGLAS CORP., New Bridge & Windsor Road, Bergenfield, N.J.—Modern Building Specialties Co.,

(Continued on Page 20)

**Electriglas**—Continued

655 Folsom St., San Francisco, 1729 S. Maple Ave., Los Angeles; Harold Goble, 1635 Holly, Denver; Walter R. Fresno, P.O. Box 2407, Salt Lake City; DePartee Co., 1817 Olive Way, Seattle; Electric Smith, Inc., 123 E. Sprague Ave., Spokane; Northwest Radiant Heat, Inc., 5128 N. Albina Ave., Portland 11.

ELECTRO ARC MFG. CO., P. O. Box 448, Ann Arbor, Mich.—Park Shaffer Co., 1341 S. Hope, Los Angeles.

ELECTRO-CAP, INC., 1269 Riverside Dr., Los Angeles 31, Calif.—G. M. Howard Associates, 782 Bryant St., San Francisco 7; Edward F. Aymond Co., P. O. Box 6595, Dallas.

ELECTRO ENGINEERING WORKS, 6021 College Ave., Oakland 18, Calif.

ELECTRO ENGINEERING PRODUCTS CO., INC., 4826 W. Kinzie St., Chicago, Ill.—Marshank Sales Co., 672 S. Lafayette Park Place, Los Angeles.

ELECTROFILM CORP., (Heat Lubrication Corp.), 7116 Laurel Canyon Blvd., North Hollywood, Calif.

ELECTRO LIFT, INC., 30 Church St., New York City 7—Irving G. King & Co., 821 Mateo St., Los Angeles 21; A. H. Coates Co., 420 Market St., San Francisco 5.

ELECTRO - LINE PRODUCTS CORP., Saukville, Wis.—Amos C. Corson, 310 Concord Bldg., Portland 4; John E. Schmitz, 964 S. Gaylord, Denver 9.

ELECTROLUX, INC., 500 5th Ave., New York City—417 Montgomery, San Francisco.

ELECTROMODE CORP., 45 Crouch St., Rochester, N. Y.—Russell & Co., 1355 Market St., San Francisco; J. E. Shull, 350 So. Central Ave., Los Angeles; R. C. Boscoe, 5314 E. 178th St., Seattle; James E. Gray Co., 965 Gas & Electric Bldg., Denver 1.

ELECTRO MOTIVE MFG. CO., South Park & John Sts., Willimantic, Conn.—V. T. Rupp Co., 2230 W. 11th St., Los Angeles; Arco Capacitors Inc., 5281 West Blvd., Los Angeles.

ELECTRON CORP., 5200 So. Santa Fe Drive, Denver, Colo.

ELECTRON EQUIPMENT CORP., 917 Meridian Ave., South Pasadena, Calif.—Industrial Associates, Inc., 8845 Olympic Blvd., Beverly Hills, Calif.

ELECTRONIC EXPEDITERS, 225 No. Wabash, Chicago 1, Ill.—Branch: 257 S. Spring St., Los Angeles 12.

ELECTRONIC MECHANICS, INC., 101 Clifton Blvd., Clifton, N. J.—Electrical Specialty Co., 316 Eleventh St., San Francisco; 418 E. Third St., Los Angeles; 1015 21st St., Denver; 2406 1st Ave. So., Seattle; Lawrence M. Harris, 2430 Anzio Dr., Dallas, and Edward F. Aymond Co., 4310 Maple Ave., Dallas.

ELECTRONIC SIGNAL CO., Inc., 541 Willis Ave., Williston Park, N. Y.—Toumey Electric & Eng. Co., 115 Steuart St., San Francisco.

ELECTRONIC SPECIALTY CO., Shavex Division, 3456 Glendale Blvd., Los Angeles 39, Calif.—Electric Supplies Distributing Co., San Diego and Santa Ana, Calif., Eoff Electric Co., Eugene, Portland, and Salem, Oregon; Gough Industries, Los Angeles, Bakersfield, Long Beach, San Diego, Santa Barbara, Phoenix; Leo J. Meyberg Co., Los Angeles, Fresno and San Francisco; and General Electric Supply, Graybar, and Westinghouse Electric Supply, all principal cities.

ELECTRONIC TUBE CORP., 1200 E. Mermaid Lane, Philadelphia, Pa.—Carl A. Stone Associates, 1102 S. Western Ave., Los Angeles 6.

ELECTRONS, INC., 127 Sussex Ave., Newark, N. J.—W. C. Grabau, 354 Pine St., San Francisco.

ELECTRO RUST-PROOFING CORP., 1 Main St., Belleville, N. J. — Electro Rust - Proofing Corp., 1713 S. California, Monrovia, Calif.

ELECTROSIG CORP., 71 Campus Drive, Buffalo, N. Y.—John D. Wyatt, 2510 Las Lunas St., Pasadena, Calif.

ELECTRO SILV-A-KING CORP., 2000 W. Fulton St., Chicago, Ill.—Frank H. Bran Co., 607 E. 6th St., Los Angeles 21.

ELECTRO-SNAP SWITCH & MFG. CO., 4218 W. Lake St., Chicago, Ill.—George W. Ledbetter, 15117 Ventura Blvd., Sherman Oaks, Calif.

ELECTRO SWITCH CORP., 193 Broad St., Weymouth 88, Mass.—E. B. Cook, 1063 Howard St., San Francisco 3; Michel Bros., 1015 E. 16th St., Los Angeles.

ELECTRO - TECHNICAL PRODUCTS DIV., Sun Chemical Corp., Nutley 10, N.J.—Tri-State Supply Corp., 554 Bryant St., San Francisco 7; 544 S. San Pedro St., Los Angeles; 318 Occidental Ave., Seattle.

ELECTRO - THERM, INC., 8028 Georgia Ave., Silver Spring, Md.—George S. Koch Associates, 420 Market St., San Francisco.

ELECTRO-VOICE, INC., Carroll & Cecil Sts., Buchanan, Mich.—Meyer & Ross Sales Co., 1355 Market St., San Francisco 3; Ealy & Hastings Sales Co., 11056 Cumpston St., P.O. Box 264, N. Hollywood; Fred H. Haight Co., 2217 Fourth Ave., Seattle 1; W. Clif McLoud & Co., 5528 E. Colfax Ave., Denver 20.

ELGO SHUTTER & MFG. CO., 2738 West Warren Ave., Detroit, Mich.—May-Air Co., 1801 10th St., Modesto, Calif.; A. A. Maycock Co., 234 7th St., Salt Lake City.

ELLIOTT CO., N. Fourth St., Jeannette, Pa.—Branch Offices: W. R. Dunn, Mgr., 1504 Russ Bldg., San Francisco 4; V. A. Peterson, Mgr., 714 W. Olympic Blvd., Los Angeles 15; H. R. Bushley, Mgr., 1101 Vance Bldg., Seattle 1; A. A. Cooper, Mgr., 701 U. S. National Bank Bldg., Denver 2 and L. O. Ruud, Mgr., 1305 Terminal Sales Bldg., Portland 5. Crocker Wheeler motor line distributed by leading distributors all principal cities.

ELLIOTT MFG. CO., 205 Prospect Ave., Binghamton, N. Y. — F. Somers Peterson, 524 Folsom St., San Francisco and 413 E. 12th St., Los Angeles 15.

ELPECO, Div. of Roller - Smith Corp., Bethlehem, Pa. (Formerly Elec. Power Equipment Co.)—C. E. Ingalls, Monadnock Bldg., San Francisco; L. W. Thompson, 5603 N. Huntington Dr., Los Angeles; Fred Carlson, 2307 5th Ave., Seattle; Mark Mueller, 1644 Blake St., Denver; Clarence W. Silver Co., 550 W. 7th South St., Salt Lake City 4.

ELRECO CORPORATION, 2900 Cormany St., Cincinnati 25, Ohio—J. W. Watkins, 551 Skinner Bldg., Seattle 1; Union Supply Co., 1920 Market St., Denver 2; Carlsbad Supply Co., Carlsbad N. M.; Sales Eng. Co., 629 Dooly Bldg., Salt Lake City.

ELWELL - PARKER ELECTRIC CO., 4252 St. Clair Ave., Cleveland 3, Ohio—Colby Steel & Mfg. Co., 3155 Elliott Ave., Seattle 4; I. G. Perin Co., 575 Howard St., San Francisco 5, and 6829 Rita Ave., Huntington Park, Calif.

ELK-MANSTER, INC., 601 E. Crosier, Akron, Ohio—Southern Sales Co., 1100 E. Colorado, Pasadena, Calif.; E. G. Kent, 631 Pollard Road, Campbell, Calif.

EMERSON APPARATUS CO., Melrose, Mass.—Maddox Sales Co., 912½ E. Third, Los Angeles.

EMERSON ELECTRIC MFG. CO., 8100 Florissant Ave., St. Louis 21, Mo.—West Coast States: Mr. R. E. Bretscher, 1860 La Loma Road, Pasadena, Calif. Sold thru leading distributors in all principal cities.

EMERSON RADIO & PHONOGRAPH CORP., 111 8th Ave., New York City 11 — Emerson West Coast Corp., 1111 Front St., San Francisco; Century Dist. Co., 1335 S. Grand Ave., Los Angeles 15; Al Jennings Co., 607 W. Washington, Phoenix; Robert L. Rice & Co., 231 E. Burnside, Portland 14; Schwabacher Hardware, 401 First Ave. South, Seattle 4; Sunset Electric Co., North 703 Division St., Spokane; ZCMI Wholesale Dist. Co., 1668 Bennett Road, Salt Lake City; American Appliance Co., 2505 Montana Ave., Billings; Savage & Son, Inc., 203 Wazee St., Denver 4; Paul O. Burk Co., 503 Second St. S.W., Albuquerque.

EMPIRE CORP., 188 E. Greenfield Ave., Milwaukee, Wis. — Power Generating Plants, 801 Coast Hiway, Newport Beach, Calif.; Nourse Equip Co., 1465 4th St., Berkeley 10, Calif.

EMPIRE APPLIANCE CO., 37-08 Northern Blvd., Long Island City 1, N. Y.—Les Taufenbach Co., 515 Architects Bldg., Los Angeles, and 1355 Market St., San Francisco.

ENAMELED METALS CO., Now Pittsburgh Standard Conduit.

EPCO ELECTRONICS, INC., 140 Liberty St., New York City—Henry W. Rissi, 9141 East Olema St., Temple City, Calif.

ERICO PRODUCTS, INC., 2070 E. 61st Pl., Cleveland, Ohio—Northern Calif. and Nev., K. M. Ryals Co., 461 Market St., San Francisco 5; Colorado, So. Idaho, eastern Mont., Wyo., Landes, Zachary & Peerson, 272 S. Santa Fe Dr., Denver; No. Idaho, Western Mont. and Washington, Cascade Distributors, Inc. Arc Welding sold by leading distributors; Railroad Bonds sold direct.

ERICSON MFG. CO., THE, 5209 Euclid Ave., Cleveland 3, Ohio—Walter E. Wallace Co., 445 Bryant St., San Francisco, Calif; W. A. McGuire, 923 E. Third St., Los Angeles 13; F. L. Guenther, 2216 First Ave., Seattle 1.

ERIE ELECTRIC CO., INC., 120 Church St., Buffalo 2, N. Y.—Schueler & Weston, 923 E. 3rd St., Los Angeles 13; Campbell & George, 379 Brannan St., San Francisco 7.

ERIE RESISTOR CORP., 644 W. 12th St., Erie, Pa.—Warren H. Davis, 1054 Broxton Ave., Room 108, Los Angeles 24; Allen I. Williams Co., 1009 17th St., Denver; Verner O. Jensen, 2616 Second Ave., Saettle; J. Y. Schoonmaker Co., 2011 Cedar Springs, Dallas 1.

ERIEZ MFG. CO., 1425 Grove Dr., Erie, Pa.—C. D. Sutton, Inc., Los Angeles; Dick Dietrich, 1355 Market St., San Francisco; R. W. Bartley, P. O. Box 2868, Tucson; Brown-Steele Co., 1031 S. Haskell Ave., Dallas 2; Fred G. Greaves Co., 502 Polson Bldg., Seattle 4; Alldredge & McCabe, 847 E. 17 Ave., Denver 18; Power - Mac Corp., 467 S. Van Ness Ave., San Francisco.

ESS INSTRUMENT CO., 96 S. Washington Ave., Bergenfield, N.J.—Berkeley Eng. & Equip. Co., 2439 Riverside Dr., Los Angeles 39; Johnson Eng. Co., 534 20th St., Oakland 12; Landes, Zachary & Peterson, 3rd South & Main St., Salt Lake City.

ESSEX WIRE CORPORATION, Fort Wayne, Ind.—Factory at Anaheim, Calif. Branch Offices in San Diego, Los Angeles, San Francisco, and Portland.

ESSEX WIRE CORP. OF CALIF., Anaheim, Calif.—District Offices and Warehouses: 2240 E. Washington Blvd., Los Angeles; 1077 Howard St., San Francisco; San Diego and 1702 N. E. Sandy Blvd., Portland.

ESSICK MFG. CO., 1950 Santa Fe Ave., Los Angeles, Calif.—Eric F. Chemnitz, 1355 Market St., San Francisco; Ed Hansen, 630 Security Bldg., Phoenix; A. B. Cline, 1227 South 13th East, Salt Lake City; William H. Fuller, 1038 Palm Ave., Whittier, Calif.; J. W. Rice, 2800 Salado, Austin, Texas; J. O. Pike, 4030 Hastings St., El Paso; Ralph O. Hardesty, 1001 Westlake Ave. North, Seattle; E. P. Murr, 2542 W. 28 Ave., Denver.

ESTATE STOVE CO., (See RCA Estate Appliance)

ESTERLINE-ANGUS, INC., 1201 Main St., Indianapolis, Ind.—T. R. Routh Co., 742 Market St., San Francisco; A. A. Barbera, 311 N. Martel Ave., Los Angeles; George L. Hoffman, 3007 S.W. Nebraska St., Portland; J. E. Redmond Supply Co., P. O. Box 869, Phoenix; C. H. Spencer, P. O. Box 1054, Salt Lake City; W. J. Kantenberger Co., 722 S. Hampton Rd., Dallas; John T. Manry, 2001 Rosewood Ave., Houston; Eicher & Co., 268 Colman Bldg., Seattle.

EUCLID ELECTRIC & MFG. CO., 50 Edwards St., Madison, Ohio—P. J. Burrill, 2131 Washington Ave., San Leandro, Calif.; Rudy Ferda, P.O. Box 421, So. Pasadena, Calif.

EUREKA WILLIAMS CORP., Bloomington, Ill.—R. O. Boynton, Western Regional Manager, Branch Office—Los Angeles. Distributors: Leo J. Meyberg Co., Inc., 2027 S. Figueroa St., Los Angeles, and 33 Gough St., San Francisco; Gorman Eng. Co., Inc., 1701 Texas St., El Paso; Nick Schneider Co., 1009 S.W. 5th Ave., Portland; Harry Clark, 2228 N. Div. St., Spokane; A. E. Carter, 177 E. Broadway, Salt Lake City; Arizona Hardware Co., 47 E. Jackson, Phoenix; Taylor Dist. Co., 4148 First Ave. So., Billings, Mont.; Boyd Dist. Co., 20 W. 13th St., Denver, and 306 E. Lead St., Albuquerque.

EUTECTIC WELDING ALLOYS CORP., 40-40 172nd St., Flushing, N. Y.—Robt. B. Welch, Pac. Coast Divisional Sales Mgr., 3995 Beverly Glen Blvd., Sherman Oaks, Calif.; Victor H. Lynn, Western Div. Sales Mgr., 1901 Arapahoe St., Denver.

EVERHOT MFG. CO., 57 S. 19th Ave., Maywood, Ill.—Los Angeles Stam & Stay. Co., 1500 S. Los Angeles St., Los Angeles; Patrick & Moise-Klinker Co., 560 Market St., San Francisco 4; C. O. Armstrong, 267 12th St., Oakland 7.

EVERSON ELECTRIC CO., 1126 Union Blvd., Allentown, Pa.—Dom Politeo, 546 Howard St.,

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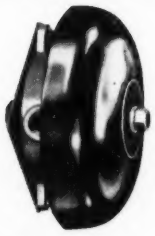

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These rugged bells come in vibrating, single stroke or underdome type. They are weatherproof, non-corrodible and will operate in any position.

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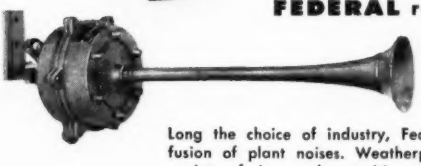

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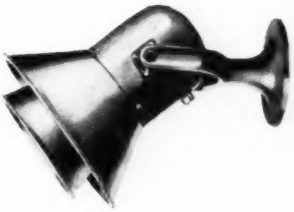

*WRITE FOR BULLETIN ON ECONOMICAL* **FEDERAL AIR RAID SIRENS**

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Seattle, Washington by **BRUCE-EMMETT CO.,** 1016 First Avenue, S.
Los Angeles, California by **H. H. VAN LUVEN CO.,** 120 South Hewitt Street


San Francisco 5; Electrical Specialty Co., 1015 21st St., Denver, 2.

EVERSTICK ANCHOR CO., 9th & Kirkwood St., Fairfield, Iowa—Joslyn Pacific Co., San Francisco, Los Angeles, Seattle and Portland; Graybar Electric Co., Inc., San Francisco, Denver; Westinghouse Electric Supply Co., and General Electric Supply Co., all principal cities; Paul A. Douden Co., and Hendrie & Bolthoff, Denver.

EXCEL ELECTRIC SERVICE CO., 2125 South Western Ave., Chicago 8, Ill.—Electrical Facilities, Inc., 4224 Holden Street, Oakland; Fletcher Elec'l Supply Co., 4150 S. Main, Los Angeles; James L. Kearns Co., 7930 S. E. Stark, Portland.

EXECUTONE, INC., 415 Lexington Ave., New York City—Executone Systems Co., 6 Cortland Ave., Fresno, Calif.; 2200 Marengo St., Los Angeles, and 1028 S.W. Third Ave., Portland; Brandenburg & Co., 404 Market St., San Francisco.

F.A.B. MFG. CO., 1249 67th St., Oakland 8, Calif.—R & J Dick Co., 510 Bryant St., San Francisco; Otrich Corp., 610 16th St., Oakland; N. W. Chains & Sprockets, Inc., 123 Pine St., Portland, and 3628 E. Marginal Way, Seattle; McConkey-Docker & Co., 126 W. Madison St., Phoenix, Ariz.; Renold-Coventry, Ltd., 1066 Seymour St., Vancouver, B. C.; Hendries & Bolthoff Co., 1635 17th St., Denver; Metropolitan Supply Co., 353 E. 2nd St., Los Angeles; Industrial Sup. Co., 1647 W. 2nd St., Albuquerque; Bearing Supply, 1429 Van Ness Ave., Fresno; Hopper Machine Works, 2315 M St., Bakersfield; Nickerson Machinery Co., 158 W. 4th South, Salt Lake City.

FAIRBANKS, MORSE & CO., Fairbanks, Morse Bldg., Chicago 5, Ill.—Branch Offices: 630 3rd St., San Francisco 7; 4535 S. Soto Street, Los Angeles 58; Salmon Bay Terminal, Seattle 99; 105 S. E. Taylor, Portland 14; 1500 17th St., Denver.

FAIRCHILD INDUSTRIES, INC., Burlington, Vermont—J. E. Shull & Son, 350 S. Central Ave., Los Angeles 13.

FALCON EQUIPMENT CO., 1937 Williams Ave., New Brighton, Pa.—Montgomery Brothers in following cities: 1122 Howard St., San Francisco; 1815 N.W. Northrup, Portland; 911 Western Ave., Seattle, and 2113 S. San Pedro, Los Angeles.

FAMCO MACHINE CO., 1340 18th St., Racine, Wis.—H. H. Hobelmann & Co., 390 Bayshore Blvd., San Francisco.

FANNO TREE SAWS, 224 W. 8th Ave., Chico, Calif.—A. L. Dickson, 1259 Clark Road, Paradise, Calif.; Western Hardware & Tool Co., 122 10th St., San Francisco 3.

FANSTEEL METALLURGICAL CORP., 2200 Sheridan Rd., North Chicago, Ill.—Carl E. Holmes, 3042 W. Beverly Blvd., Los Angeles 4.

FARGO MFG. CO., INC., 939 Main St., Poughkeepsie, N. Y.—Distributed by Line Material Co.: 916 E. 3rd St., Los Angeles; 2125 Blake St., Denver; 101 Williams St., San Francisco; 1233 N.W. 12th Ave., Portland; S. 123 Maidson St., Spokane; 1415 Elliott Ave., West, Seattle 99, 309 Kearns Bldg., Salt Lake City, 5715 Navigation Blvd., Houston; J.E. Redwood, 625 W. Madison St., Phoenix; El Paso Saw & Belting Co., 1701 Texas St., El Paso.

FARIES DIV., General Lamp Mfg. Corp., 450 N. 9th St., Elwood, Ind.—Irving Samuels, 1419 So. LaBrea Ave., Los Angeles 19; Colorado Western Sales Co., 501 Broadway, Denver.

FARR COMPANY, P.O. Box 10187, Airport Stn., Los Angeles 43, Calif.

FARRELLOY CO., 1245 N. 26th St., Philadelphia, Pa. — O. W. Coombs, 1026 S. Olive St., Los Angeles; The Halperin Co., 3306 W. Washington Blvd., Los Angeles 18.

FARVAL CORP., 3250 E. 80th St., Cleveland 4, Ohio—F. Somers Peterson, 524 Folsom St., San Francisco; Alden Equipment Co., 1741 W. Slauson, Los Angeles 47; J. M. Warner Co., 600 W. 48th Ave., Denver 16; George Worden Co., 1305 Dexter Ave., Seattle; Sales Eng. Co., 875 Le Grand, Salt Lake City.

FASCO INDUSTRIES, INC., N. Union at Augusta, Rochester, N. Y.—W. W. Wheat & Son, 560 1st Ave. So., Seattle; Russell & Co., 1355 Market St., San Francisco; J. E. Shull, 350 So. Central Ave., Los Angeles; J. V. Folsom Co., 301 N. Market St., Dallas; D. A. Steinkamp, 936 St. Paul St., Denver.

FAST & CO., John E., 3141 N. Crawford Ave., Chicago 41, Ill.—R. E. Cunningham & Son, 523 W. 6th, Los Angeles; David Hatton, c/o Pacific Wholesale Co., 961 N. Loring St., Portland 12.

FAST-LOK MFG., CO., 67 Ash St., Bridgeport, Conn. — Walter E. Wallace Co., 445 Bryant St., San Francisco; John Allen Ware & Associates, 301 West G St., San Diego; Shaffer & Nelson Co., 312 Occidental Ave., Seattle.

FEDDERS QUIGAN CORP., 57 Tonawanda St., Buffalo, N.Y.—Alvin R. Braoender, 125 N. W. 5th St., Portland; Stanley S. Chewer Co., 144 West 2nd St., South, Salt Lake City; H. R. Basford Co., 235 15th St., San Francisco and 2310 Leonis Blvd., Los Angeles.

FEDERAL ELECTRIC PRODUCTS CO., 50 Paris St., Newark 5, N. J.—Branch Office: L. P. Shelley, Western Div. Mgr., 333 San Fernando Rd., Los Angeles 65; P. O. Asbury, 73 Eight St., Oakland; Shaffer & Nelson, 312 Occidenatl Ave., Seattle 4; Shaffer & Nelson, Inc., 1204 N. W. Glisan, Portland; Shaffer & Nelson, 3908 Wellesby, Spokane; Gaer-Florance and Associates, P.O. Box 3096 East-Colfax Stn., Denver; Eng. Sales Corp., Box 3143, El Paso.

FEDERAL ENTERPRISES, INC., 8700 S. State, Chicago 19, Ill.—F. M. Nicholas Co., 714 Harrison St., San Francisco; H. H. Van Luven, 120 S. Hewitt St., Los Angeles; Bruce-Emmett Co., 1016 1st Ave. South, Seattle, and 830 S.E. Alder St., Portland; Federal Sign Co., of Texas, Signal Div., 1100 Canton St., Dallas and 700 Waugh Dr., Houston. (See ad, p. 21.)

FEDERAL PRODUCTS CORP., 7140 Eddy St., Providence, R.I.—J. C. Fletcher, 1415 Folsom St., San Francisco.

FEDERAL SCREW PRODUCTS, INC., 224 W. Huron, Chicago 10, Ill.—Harry A. Lasure, 9041 W. Pico Blvd., Los Angeles 35.

FEDERAL TELEPHONE AND RADIO CORP., 100 Kingsland Road, Clifton, N. J.—Don C. & Wm. H. Wallace (Vacuum Tubes only), 1206 Maple Ave., Los An-

(Continued on Page 22)

**Federal Tel. & Radio**—Continued geles 15. All other products: Maydwell & Hartzell, Inc., 158 11th St., San Francisco 3; 427 W. 5th St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; 306 Dexter Ave., Seattle 4; 814 Paulsen Bldg., Spokane; 210 W. Adams St., Phoenix.

**FEEDRAIL CORPORATION**, 125 Barclay St., New York City, N. Y.—C. A. D. Young, 726 Colorado Bldg., Denver 2; Allied Industries, 412 Seaton St., Los Angeles 13; E. A. Will, 534 1st Ave. South, Seattle 4; Anson-Fowler Co., 178 Townsend St., San Francisco; J. M. Tuite, 1802 Corona St., Dallas 14.

**FELDMAN CO.**, 612 So. Wall St., Los Angeles 14, Calif.—Gerald Steinacher, 215 Stillings Ave., San Francisco; A. C. Ackerman, 2409 S.E. 51st Ave., Portland.

**FENWAL INCORPORATED**, Ashland, Mass.—Belilove Co., 420 Market St., San Francisco 11; Wiant Products Co., 1231 N.W. Hoyt St., Portland 9; Richards-Conant, 2415 15th St., Denver; J. C. McDougall Co., 520 First Ave., South, Seattle 4.

**FERRANTI ELECTRIC, INC.**, 30 Rockefeller Plaza, New York City H. B. Squires Co., 156 8th St. San Francisco; Hockensmith Sales, 1264 S. Boyle Ave., Los Angeles; C. B. Anderson, P. O. Box 1836, Amarillo, Texas; Ed Warburg Co., 1207 E. 8th St., Los Angeles.

**FIDELITY MACHINE CO., INC.**, 3908-18 Frankford Ave., Philadelphia, Pa.—H. M. Royal, Inc., 4814 Loma Vista Ave., Los Angeles 11.

**FIDELITY TUBE CORP.**, 900 Passaic Ave., East Newark, N. J.—Les Taufenbach Co., 4860 Valley Blvd., Los Angeles, and 1355 Market St., San Francisco.

**FILTEX CORP.**, 417-23 E. 15th St., Los Angeles, Calif.—Branch Offices: 5738 Crenshaw Blvd., Los Angeles; 3036 30th St., San Diego; 4000 Mission St., San Francisco; 403 E. Pike, Seattle 3; Hamilton Filtex Dist. Co., 108 E. Pierce St., Phoenix; K. G. Neal, 68 So. 2nd West, Salt Lake City.

**FINDERS MANUFACTURING CO.**, 3669 S. Michigan Ave., Chicago, Ill.—W. I. Gelder & Co., 1842 Hooker St., Denver; Martin Van Brauman, 2011 Cedar Springs, Dallas; Harry W. Blacher, P.O. Box 474, San Mates, Calif.

**FISHER-PIERCE CO., INC.**, 170 Pearl St., South Braintree, Mass. —Oscar Hogenson, 95 Connecticut St., Seattle; Charles E. Klaus, 1004 S. E. Belmont, Portland; E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles; Allen I. Williams, 1009 17th St., Denver; Maydwell & Hartzell, Inc., 158 Eleventh St., San Francisco; 427 W. 5th St., Los Angeles; 306 Dexter Ave., Seattle; 1238 N.W. Glisan, Portland; 814 Paulsen Bldg., Spokane; 210 W. Adams St., Phoenix.

**FLETCHER MFG. CO.**, 302 E. 2nd St., Dayton, Ohio—Thru electrical wholesale jobbers.

**FLEXO MACHINES CO.**, 456 N. Aberdeen St., Chicago, Ill.—Kirk-Palka Co., 415 Wall St., Los Angeles 13, and 420 Market St., San Francisco.

**FLEXO WIRE CO., INC.**, 70 W. First St., Oswego, N. Y.—A. B. Smedley, Box 67-C, Pasadena, Calif.

**FLEXONICS CORP.** (formerly Chicago Metal Hose Corp.) 1315 S. Third Ave., Maywood, Ill.—Branch Offices: 637 Powell St., San Francisco and 6331 Hollywood Blvd., Hollywood 28; Alaskan Copper & Brass Co., 902 1st St., South, Seattle; C. W. Marwedel, 1235 Mission, San Francisco; L. A. Rubber & Asbestos Works, 124 E. 3rd St., Los Angeles; Munnell & Sherrill, 400 S. W. 1st, Portland 5; Moorlane Co., 1424 Market, Denver 2; Eight, Inc., 160 South 4th West St., Salt Lake City.

**FLOOROLA PRODUCTS, INC.**, Tioga at Roosevelt Ave., York, Pa. —Electrical & Mechanical Supply Co., 708 N. Piedras St., El Paso; Floor Machine Co., 1735 Venice Blvg., Los Angeles.

**FLORENCE STOVE CO.**, 205 School St., Gardner, Mass.—Branch Office: 469 Western Merchandise Mart (R. D. Nugent, Div. Mgr.) San Francisco; 301 N. Market St., Dallas. Mr. T. E. Cook, Div. Mgr.

**FLUORESCENT FABRICATORS**, 1825 Chouteau St., St. Louis, Mo. —M. Levin Dist., Co., 2438 S.W. 4th St., Portland; R. B. Haskell Co., 200 Davis St., San Francisco; R. A. Herren, P. O. Box 281, Alhambra, Calif.

**FLUORESCENT FIXTURES OF CALIFORNIA**, 3320 18th St., San Francisco, Calif.—Branch Offices: Milton A. Weiner, Dist. Mgr., 613 Imperial St., Los Angeles; Fred L. Knudsen, 2802 Santa Paula Ct., Sacramento; A. G. Miller, Dist. Mgr., 1318 S.W. 1st Ave., Portland; M. J. Hooey, 422 Smith Tower, Seattle; J. S. Murphy, 930 Clayton St., Honolulu, T.H.; J. E. Pearce, 925 N. Madison, Albuquerque.

**FLUORESCENT WIRING DEVICES, INC.**, 30 Tiffany Place, Brooklyn, N. Y.—Electri-Cal, 5455 Hollywood Blvd., Los Angeles; 27 and 2166 Market St., San Francisco 14; Pete Bach Electric, 1223 N.W. 12th Ave., Portland 9.

**FOGEL REFRIGERATOR CO.**, 5400 Eadom St., Philadelphia, Pa.—O. W. Weiss, 1531 19th St., Denver.

**FOREST CITY TOOL CO.**, 209 Kishwaukee, Rockford, Ill.—H. H. Hobelmann & Co., 390 Bayshore Blvd., San Francisco.

**FOREST ELECTRIC CO.**, 7216 Circle Ave., Forest Park, Ill.—M. A. Stolaroff, 4614 Northridge Dr., Los Angeles.

**FORDHAM MFG. CO.**, 2220 Pearsall Ave., New York City 67—James C. Pope, Jr., 1827 S. Hope St., Los Angeles.

**FOREDOM ELECTRIC CO.**, 27 Park Place, New York City 7—G. M. Sullivan, 3108½ Yesler Way, Seattle; Denham Sales Service, 538 Polk St., San Francisco.

**FORMICA CO.**, 4614 Spring Grove Ave., Cincinnati 32, Ohio—Glenn H. Taylor, 1151 Santee St., Los Angeles; A. E. Lilly, 907 Post St., San Francisco 9; H. C. Hanson, 102 Colman Ferry Terminal, Seattle 4.

**FORSBERG MANUFACTURING CO.**, 125 Seaview Ave., Bridgeport, Conn.—Kenneth B. Komp, 1290 La Cumbre Rd., San Mateo, Calif.

**FORTUNE LAMP CO.**, 32 Maujer St., Brooklyn 6, N. Y.—H. L. Michaels, 1355 Market St., San Francisco.

**FORT WORTH STEEL & MACHINERY CO.**, 3600 McCart St., Fort Worth, Tex.—Branch Office, 3026 E. Olympic Blvd., Los Angeles and 244 Ninth St., San Francisco; W. G. Ballantyne Co., 1215 N.W. Everett St., Portland.

**FOSTER TRANSFORMER CO.**, 3820 Colerain Ave., Cincinnati, Ohio.—A. B. Murphy Co., 228 9th St., San Francisco.

**FOSTER WHEELER CORP.**, 165 Broadway, New York City 6—Branch Offices: 206 Sansome St., San Francisco; 714 W. Olympic Blvd., Los Angeles; 122 Elliott Ave. West, Seattle.

**FOSTORIA PRESSED STEEL CORP.**, Fostoria, Ohio—Manufacturers Marketing Service, P. O. Box 277, Menlo Park, Calif. Distributor: Currier Co., Inc., 710 73rd St., Oakland, Calif., with offices in San Francisco, Los Angeles, Portland, Salt Lake City, Denver and Phoenix.

**FOUCH ELECTRIC MFG. CO.**, 423 N.W. 9th Ave., Portland, Ore.—Sold thru elec'l jobbers.

**FOUR WHEEL DRIVE AUTO CO.**, Clintonville, Wis.—Branch Offices, district supervisors: A. M. Dahm, 2550 Krameria St., Denver; Jack Kelly, 2204 Virginia Ave., Pomona, Calif.; Ronald Gehrke, 1356 Vancouver Ave., Burlingame, Calif.; Ralph Hopkins, 2112 Warm Springs Ave., Boise, Ida.; Lester Berndt, 10750 S.E. Hulgate, Portland. Sold thur FWD distributors all principal cities.

**FOWLER MFG. CO.**, 2545 S.E. Gladstone St., Portland, Ore.—Appliance Wholesalers, 600 N.W. 14th, Portland 9; Flint Dist. Co., 316 W. Second South, Salt Lake City, and Boise, Idaho; Midland Dist. Co., 2316 First Ave. North, Billings; Elec'l Equipment Co. of Ariz., First Ave. at Madison, Phoenix; Kaemper & Barrett, 1805 Mission St., San Francisco 3; Crane Co., 301 Brannan St., San Francisco; Parker Co., Denver, Crane-O'Fallon Co., Denver; Inland Empire Wholesalers, 110 South Wall St., Spokane; F. B. Connelly Co., and Schwabacher Hardware Co., Seattle.

**FRANCE MFG. CO.**, 10325 Berea Rd., Cleveland, Ohio—Mullenbach Elec. Mfg. Co., 2300 E. 27th St., Los Angeles.

**FRANKEL CONNECTOR CO.**, 27 Vestry, New York City—Robert R. Prussia, 224 Harriet, San Francisco; Rutkin Electric Sales Co., 935 Stanford Ave., Los Angeles; Slaybaugh-Thompson, 100 W. 13th Ave., Denver.

**FRANKELITE CO.**, 1425 Rockwell Ave., Cleveland, Ohio—Fred J. Stone, 1355 Market St., San Francisco; W. H. Humphries, 2627 Lake St., Salt Lake City; Glidden Eng. & Equipment Co., 3802 Winchester St., Houston.

**FRANKLIN CO., INC., L. K.**, 1241 S. Hill St., Los Angeles, Calif.—Sold through jobbers.

**FREE SEWING MACHINE CO.**, Rockford, Ill.—Sold through Westinghouse Electric Supply all principal cities.

**FRESH'nd-AIRE COMPANY**, 221 N. La Salle St., Chicago, Ill.—E. H. Sager, Western Dist. Mgr., 850 El Campo Dr., Pasadena 8; Thomas A. Payton, 527 Hewitt, Rockaway Beach, Calif.; Arthur H. Huot, 4702 Stoneway, Seattle 1.

**FRIEZ INSTRUMENT DIV.**, Bendix Aviation Corp., 1400 Taylor Ave., Baltimore 4, Md.—Pacific Scientific Co., 25 Stillman St., San Francisco 7; 1915 First Ave. So., Seattle; 1430 Grande Vista Ave., Los Angeles 23; 500 Dekum Bldg., Portland 4; Denver Fire Clay Co., 2301 Blake St., Denver 7; P.O. Box 836, Salt Lake City 10, and 1309 Texas St., El Paso.

**FRIGIDAIRE DIV.**, General Motors Corp., 300 Taylor St., Dayton 10, Ohio—Branch Offices: W. I. Buchanan, Western Regional Mgr., 1355 Market St., San Francisco; R. E. Robertson, Asst. to West. Reg. Mgr., 1355 Market St., San Francisco; W. H. Baldwin, Branch Mgr., Frigidaire Sales Corp., 1250 53rd St., Oakland; F. M. Drake, Branch Mgr., 3251 Leonis Blvd., Los Angeles 58; E. D. Davis, 215 Wazee Market, Denver.

**FRINK CORPORATION, THE** Bridge Plaza North, Long Island City, N. Y.—James Mundstock, 320 Market St., San Francisco.

**FULLERTON MFG. CORP.**, 17 Chestnut St., South Norwalk, Conn.—W. J. Huemmer, Dallas Transfer & Terminal Warehouse Bldg., Dallas; Donald S. Gleason, 901 East 45th St., Seattle 5; Edwin C. Dunn, P. O. Box 268, Littleton, Colo.; Edw. B. Thornton, 2829 Sunset Blvd., Houston.

**FULLMAN MFG. CO.**, 1209 Jefferson St., Latrobe, Pa.—L. F. Church Co., 750 Natoma St., San Francisco; Jack Payne Sales, 433 Colyton St., Los Angeles; Harvey M. Olmstead Co., 3755 Blake St., Denver; Wiant Products Co., 1231 N. W. Hoyt St., Portland 9.

**FULTON ELECTRIC MFG. CO.**, 38-44 N. 2nd Ave., Mt. Vernon, N. Y.—James Mundstock, 320 Market St., San Francisco 11.

**FURNAS ELECTRIC CO.**, 1000 McKee St., Batavia, Ill.—O. E. Warburg, 1207 E. Eighth St., Los Angeles 21; Western Transmission Co., 4261 S.E. Stark St., Portland 15; Charles A. Meier Co., 1473 Harrison St., San Francisco 3.

**FUSITE CORPORATION**, 6000 Fernview Ave., Cincinnati, Ohio—Edwin E. Starr, 4101 Rhodes Ave., N. Hollywood; R. R. Slater, 915 Terminal Sales Bldg., Seattle.

**G.C.A. MFG. CO.**, 346 Wahconah, Pittsfield, Mass.—Sold thru General Electric Supply Corp., Westinghouse Supply Corp., Graybar Electric Co., Inc., Line Material Co., Joslyn Pacific Co., in all principal cities.

**G & W ELECTRIC SPECIALTY CO.**, 7780 Dante Ave., Chicago, Ill.—W. R. Hendrey Co., Smith Tower Bldg., Seattle; C. E. Ingalls & Sons, Monadnock Bldg., San Francisco; R. E. Cunningham & Son, 523 W. 6th St., Los Angeles; Mountain States Machinery Co., 1526 Blake St., Denver; Riter Eng. Co., Kearns Bldg., Salt Lake City; F. W. Gorman, 1701 Texas St., El Paso; H. C. Guire, 715 S. York St., Denver. (See adv. back cover.)

**GALETRONICS, INC.**, 2607 East Foothill Blvd., Pasadena 8, Calif. —G. M. Howard Associates, 782 Bryant St., San Francisco.

**GALVIN MFG. CORP.**, 4545 Augusta Blvd., Chicago 51, Ill.—J. M. Tuttle, Regional Manager, 1355 Market St., San Francisco, Calif.

**GARDEN CITY MFG. CO.**, 1750 N. Ashland Ave., Chicago, Ill.—H. Kjaer Equipment Co., 1261 Howard St., San Francisco 3; Robt. H. Hirte, 1032 S. Grand Ave., Los Angeles; Thomas F. Maher, 1062 E. 188th St., Seattle; James Newton, 960 S. Main St., Salt Lake City.

**GATTI INC., AURELE M.**, 524 E. Washington St., Trenton 9, N. J. —Arthur E. Booth, 4124 Beverly Blvd., Los Angeles 4.

**GARDNER ELECTRIC MFG. CO.**, 4227 Hollis St., Emeryville, Calif. —Maydwell & Hartzell, Inc., in following cities: 158 11th St., San Francisco; 427 W. 5th St., Los Angeles; 306 Dexter Ave., Seattle; 1238 N.W. Glisan St., Portland; 814 Paulsen Bldg., Spokane, 210 W Adams St., Phoe-

**Gardner Mfg. Co.**—Continued nix; Coastal Sales Co., 525 W. 2nd South St., Salt Lake City and 1078 Lipan St., Denver; Peabody Bros., 3015 Taylor St., Dallas and 866 M & M Bldg., Houston.

GAYNOR ELECTRIC CO., INC., P. O. Box 550, Bridgeport, Conn. —C. J. Gratiot & Sons, 1282 Folsom St., San Francisco, and 2566 San Fernando Rd., Los Angeles.

GEDNEY ELECTRIC CO., Rockefeller Center, New York City 20 —W. S. Sanderlin Co., 129 1st Ave. West, Seattle 99, and 201 S. E. Washington Ave., Portland; Rutkin Elec. Sales Co., 835 Stanford Ave., Los Angeles 21; George A. Gray Co., 2720 17th St., San Francisco 10; Darger Co., 328 W. 2nd South St., Salt Lake City; Jack Morgan Co., 2811 Canal St., Houston and 335 Cole St., **Dallas.**

GEIER COMPANY, THE P. A., 540 E. 105th St., Cleveland 8, Ohio—R. E. Harris, Inc., 131 W. Ash St., San Diego, Calif.; J. A. Keim, 26601 Calle, Capistrano Beach, Calif.; Kaemper-Barrett, Inc., 1850 Mission St., San Francisco; R. L. Hubbell, 3444 Freeman Rd., Walnut Creek, Calif.; Austin & Son, 1123 Wazee St. Denver 2; Biggs-Kurtz Hdwe. Co., 304 W. Main St., Grand Junction, Colo. Sold by Graybar Electric Co., Inc., all principal cities.

GEM ELECTRIC MFG. CO., INC., 237 37th St., Brooklyn, N. Y.—George Kraft Co., 1501 N.W. Kearney, Portland; The McLoughlin Co., 811 E. 14th Place, Los Angeles; L. S. Reed & Co., 1018 Lawrence St., Denver; J. V. Folsom Co., 301 N. Market St., Dallas; Charles B. Gratiot, 1282 Folsom St., San Francisco.

GENERAL AIR CONDITIONING CO., 4542 E. Dunham St., Los Angeles, Calif.—H. R. Curtiss, 1355 Market St., San Francisco.

GENERAL CABLE CORP., 420 Lexington Ave., New York City—Branch Offices: R. O. Barnes, Pac. Dist. Mgr., 25 Beale St., Room 743, San Francisco; T. B. Jones, Branch Mgr., 2906 Leonis Blvd., Los Angeles; James Fletcher, Branch Mgr., 1818 Smith Tower, Seattle; A. Z. Barnes, 213 Thomas Bldg., Dallas; R. L. Belflower, 833 Bankers Mortgage Bldg., Houston.

GENERAL CERAMICS & STEATITE CORP., Crows Mill Road, Keasley, N. J.—Samuel N. Stroum Co., 610 19th Ave. North, Seattle.

GENERAL ELECTRIC COMPANY, General Offices: Schenectady, N.Y. —R. W. Turnbull, western commercial vice president—headquarters, 235 Montgomery St., San Francisco; Public Relations Services Division, 235 Montgomery St., San Francisco, R. W. Jackson, Manager, West Coast Region; T. C. Sullivan, Representative, 212 N. Vignes St., Los Angeles.

AIR CONDITIONING DIVISION: headquarters, Bloomfield, N.J.—W. D. Paulson, sales supervisor, region 4. Headquarters, 1052 West 6th St., Los Angeles; E. W. Howes, field service representative, region 4. Headquarters, 235 Montgomery St., San Francisco; Offices in: Salt Lake City and Seattle.

APPARATUS MANUFACTURING PLANTS: Transformer Plant, 5441 E. 14th St., Oakland; Paul R. Hartig, Manager Control Plant, 1034 66th Ave., Oakland; F. E. Strauss, Eng. & Supt. San Jose Motor Plant, 2155 South 1st St., San Jose; D. E. Moorhead, Mgr.

APPARATUS MARKETING DIVISION: headquarters, Schenectady, N. Y.—A. D. Bragg, District Mgr., Pacific Sales District. Headquarters, 235 Montgomery St., San Francisco; Kurt Steindorff, San Francisco Area Mgr., 235 Montgomery St., San Francisco; E. M. Ellis, Los Angeles Area Mgr., 212 N. Vignas St., Los Angeles. *Local offices located in*: Oakland, Sacramento, Stockton, Redding, San Jose, Fresno, Bakersfield, Riverside, San Diego and Phoenix. *Service shops and warehouses located in*: San Francisco & Los Angeles; J. R. Murphy, District Manager, Pacific Northwest District. Headquarters, 710 2nd Avenue, Seattle. *Local offices located in*: Portland, Spokane, Tacoma, Medford, Pasco and Eugene. *Service shops and warehouses located in*: Portland & Seattle. L. M. Stauffer, District Mgr., Rocky Mountain District. Headquarters, 650 17th St., Denver Colorado. *Local offices located in*: Salt Lake City, Butte and Albuquerque. *Service shops and warehouses located in*: Denver and Salt Lake City.

CARBOLOY DEPARTMENT (of General Electric Company): headquarters, Detroit, Michigan —R. D. Mack, District Mgr., Pacific headquarters: 5905 Pacific Blvd., Huntington Park, California; E. L. Boersig, representative, c/o C. W. Marwedel, 11th & Alice Sts., Oakland, California.

CHEMICAL DIVISION: headquarters, Pittsfield, Mass.—J. R. Patterson, West Coast Mgr., Pacific headquarters, 1052 W. 6th St., Los Angeles; T. D. Daniels, Dist. Rep., 1052 W. 6th St., Los Angeles; Anaheim Works, 1211 N. Olive St., Anaheim. J. B. Holmes, Sup. of Engr.

CONSTRUCTION MATERIALS DIVISION: headquarters, Bridgeport, Conn.—D. F. Flinn, Mgr., Pacific Sales Dist. headquarters, 3000 E. 46th St., Los Angeles. (District warehouse at above address) Offices at: 1853 Folsom St., San Francisco; Wire & Cable Department, Oakland operation, 1034 66th Ave., Oakland, Walter J. Delehanty, Manager; W. W. Bryan, northwestern sales district, headquarters, 710 Second Ave., Seattle; Offices in Portland and Salt Lake City.

ELECTRONICS DIVISION: headquarters, Syracuse, New York—*Replacement Tubes and Parts*: W. C. Walsh, western regional manager, 235 Montgomery St., San Francisco; L. M. Robb, District Sales Manager, 235 Montgomery St., San Francisco; R. E. Giannini, District Sales Mgr., 530 W. 6th St., Los Angeles; T. A. Reese, Dist. Sales Manager, 710 2nd Ave., Seattle. *Communication Equipment*: L. R. Sheeley, Regional Mgr., 235 Montgomery St., San Francisco; F. I. Deetken, Dist. Sales Mgr., 235 Montgomery St., San Francisco; W. H. Nye, Communication Specialist, 235 Montgomery St., San Francisco; K. J. Worthen, Dist. Stles Mgr., 530 West Sixth St., Los Angeles; V. E. Stineman, Communication Specialist, 530 W. Sixth St., Los Angeles; J. E. Hogg, Dist. Sales Mgr., 220 Dawson St., Seattle; H. S. Broughall, Communication Specialist, 220 Dawson St., Seattle; F. D. Morton, Dist. Sales Mgr., 650 17th St., Denver, W. J. DeZonia, Communication Specialist, 650 17th St., Denver, Colo.; F. H. Speir, Dist. Sales Mgr., 200 So. Main St., Salt Lake City. *Equipment Tubes*: B. S. Angwin, Regional Sales Mgr., headquarters, 530 W. 6th St., Los Angeles; R. R. W. Lacy, Los Angeles Application Engineer, 530 W. 6th St., Los Angeles; K. Giffen, District Sales Manager, 530 W. 6th St., Los Angeles. *Broadcast and TV Transmitting Equipment Marine & Aviation Electronics Products*: C. T. Haist, District Sales Mgr., 235 Montgomery, San Francisco; F. R. Walker, Dist. Sales Mgr., 530 W. 6th St., Los Angeles. *Receiver Department*: H. G. Randolph, Dist. Mgr., 649 South Olive St., Los Angeles and 995 Market St., San Francisco; B. S. Wells, Dist. Mgr., 710 Second Avenue, Seattle; G. D. Day, Dist. Service Supervisor, 995 Market St., San Francisco. *Aviation Equipment Sales, Government Division*: J. J. Losey, 212 N. Vignes St., Los Angeles.

GENERAL ELECTRIC APPLIANCES, INC.: headquarters, Bridgeport, Conn.—S. B. Maher, Mgr., headquarters, 150 W. Jefferson Blvd., Los Angeles. Branch in San Diego.

GENERAL ELECTRIC SUPPLY CO., headquarters, Bridgeport, Conn.—H. C. Gerster, regional vice president, western region, 3440 Wilshire Building, Los Angeles; R. J. West, Los Angeles District Office Manager, 700 Turner St., Los Angeles; San Diego Branch, 668 3rd Avenue, M. A. Hoff, local house mgr.; Long Beach Branch, 840 W. 12th St., K. C. Moulton, local house mgr.; Phoenix Branch, 441 W. Madison, R. P. Porter, local house mgr.; Tucson Branch, 2 East 6th St., R. P. Porter, local house mgr.; San Bernardino, 485 S. "I" St., V. S. Cooper, local house mgr.; C. W. Goodwin, Jr., District Office Mgr., San Francisco District, 1201 Bryant St., San Francisco; Oakland Branch, 54 Hollis St., Emeryville; E. M. Ames, District Office Mgr., Sacramento District, 1311 "S" St., Sacramento; W. L. Duncan District Office Mgr., Fresno District, 1234 "O" St., Fresno; Bakersfield Branch, 1344 33rd St., Bakersfield. D. M. Burdick, District Office Manager, Denver District, 1429 18th St., Denver; Albuquerque Branch, 820 N. 1st St., F. A. Dunn, local house mgr.; Casper, Wyoming, Branch 428 S. Elm St., K. R. Brown, local house mgr.; S. S. Brundage, District Office Mgr., Portland District, 300 N.W. 14th Avenue, Portland, Oregon; Spokane Branch, South 122 Monroe St., E. Z. Coman, local house mgr.; R. S. Belnap, Dist. Office Mgr., Salt Lake City Branch, 312 W. 2nd South St., Salt Lake City; Boise, Idaho, Branch, 618 S. 8th St., M. M. Saville, local house mgr.; Butte, Montana, Branch, 900 E. Front St., L. Carmody, local house mgr.; Billings, Montana, Branch, 2710 Montana Ave., H. R. Ellerby, local house mgr.; O. B. Hubenthal, District Office Mgr., Seattle District, 1212 First Ave., S., Seattle; Tacoma Branch, 2316 "A" St., J. R. Tilley, local house mgr.

HOTPOINT, INC. (affiliate of General Electric Company), headquarters, Chicago, Illinois—V.E. Koch, Manager, San Francisco Dist., headquarters, 1355 Market St., San Francisco; O. R. Ransom, zone mgr., 1355 Market St., San Francisco; R. S. Holtzman, zone mgr., Los Angeles Office, 400 Gretna Green Way, Los Angeles 49, Calif.; R.W. Rennewanz, District Mgr., 1411 4th Ave, Seattle; H. G. Peters, zone mgr., 1288 So. Pennsylvania St., Denver, Colo.

LAMP DIVISION: headquarters, Cleveland Ohio — Frank M. Falge, Mgr., Pacific Sales Dist., 999 98th Ave., Oakland. *Branch offices located in*: Fresno, San Mateo and Sacramento: E. C. Herron, Mgr., South Pacific Sales Dist., 601 W. 5th St., Los Angeles. *Branch offices located in*: San Diego and Phoenix; C. A. Rost, Manager, North Pacific Sales Dist., 1238 W. Glisan St., Portland. *Branch offices located in*: Spokane: L. R. Wilson, Manager, Puget Sound Sales District, 202 Hoge Bldg., Seattle. *Branch offices located in*: Spokane: J. P. Roger, Manager, Rocky Mountain Sales Dist., 1863 Wazee St., Denver. *Branch offices located in*: Salt Lake City; Oakland Lamp Works 1648 16th St., Oakland, Rees D. Paine, Manager Warehouse in Oakland.

(Continued on Page 24)

**GEO. A. GRAY COMPANY**

**2720 17th St., San Francisco 10, Calif. HE. 1-1526**

**MANUFACTURERS' REPRESENTATIVES**

**AUTH ELECTRIC CO.**—Signal systems and devices.

**COLUMBIA METAL BOX CO.**—Steel cutout cabinets.

**CONDUIT NIPPLE MFG. CO.**—Nipples, elbows, couplings, running thread.

**GEDNEY ELECTRIC COMPANY**—Conduit fittings, bushings, ground clamps, connectors, couplings.

**GRAYSIX COMPANY**—Fish steel, outlet box covers, special cord sets.

**HENDERSON ELECTRIC COMPANY**—Conduit bending tools

**McGILL MANUFACTURING COMPANY**—Levolier switches, lamp guards, portables, lamp changers

**PORCELAIN PRODUCTS, INC.**—Knobs, tubes, wire holders, insulators.

**THE WIREMOLD COMPANY—WIREMOLD** raceways, lighting strips, loom, fluorescent fixtures, **PLUGMOLD**

**C. E. INGALLS AND SONS**

**Factory Representatives of Manufacturers of Electrical Equipment**

**541 Monadnock Bldg.**
**San Francisco 5, Calif.**
**GArfield 1-2916**

G.E.—Continued

LOCKE (Department of General Electric Company), headquarters, Baltimore,—T. E. Traugott, Regional Mgr., 1229 Burlingame Ave., Burlingame. *Represented by G. E. Supply Company in*: Los Angeles, Portland, Seattle and Denver.

MAJOR APPLIANCE DIVISION: headquarters, Louisville, Kentucky—H. P. Gough, Regional Manager, headquarters, 235 Montgomery St., San Francisco; H. Gordon Smith, Dist. Mgr., San Francisco District, headquarters, 235 Montgomery St., San Francisco; C. M. Rowland, District Mgr., 212 North Vignes St., Los Angeles; R. T. Skeer, District Mgr., 705 Second Ave., Seattle; F. K. Hager, Dist. Mgr., 200 S. Main St., Salt Lake City; L. B. Bundy, Mgr., 650 17th St., Denver; Appliance Service Center in Emeryville.

SMALL APPLIANCE DIVISION: headquarters, Bridgeport, Conn. —J. P. Evans, District Mgr., Pacific Sales District, 235 Montgomery St., San Francisco. Offices in Los Angeles, Seattle and Salt Lake City. Appliance Service Center in: San Francisco, Seattle and Los Angeles. Authorized Independent Service Stations in: Fresno, Phoenix, Portland, Sacramento, Salt Lake City, San Diego and Spokane.

MONOWATT (A department of General Electric Company): headquarters in New York City; W. S. Wanke, Pacific Representative, 26751 Eastvale Road, Rolling Hills, Calif. Offices-in-care-of: James H. Blinn Co., Denver; J. C. Platt Co., Seattle.

TELECHRON (A department of General Electric Company): headquarters in Ashland, Mass. —J. J. Burns, District Manager, 1355 Market St., San Francisco; J. T. Casey, Jr., District Manager, 1151 South Broadway, Los Angeles. Office in-care-of: J. C. Platt Co., 2213 4th Ave., Seattle.

TRUMBULL ELECTRIC DEPARTMENT, (of General Electric Company): headquarters, Plainville, Conn. — L. M. Kerkhof, District Sales Mgr., 555 Minnesota St., San Francisco; J. Warren Barry, Mgr., Calif. Region, 11116 Vanowen St., North Hollywood; W. I. Downie, Mgr., Northwest Region, 303 W. Hudson St., Seattle. *Trumbull Plants at*: 555 Minnesota St., San Francisco; W. C. Anderson, Works Manager; 303 W. Hudson, Seattle, D. P. Brewer, Works Manager.

X-RAY DEPARTMENT (of General Electric Company): headquarters, Milwaukee, Wisconsin —G. R. Borgmann, Dist. Mgr., 1338 Glenarm St., Denver; G. E. Williams, Zone Mgr., 430 16th St., Denver; L. M. Rasmussen, Dist. Mgr., 1269 Howard St., San Francisco. *Offices in*: Stockton, Sacramento, Fresno and San Jose; Williard J. Cox, Mgr., 550 North Western Ave., Los Angeles; A. H. Jordan, 521 Grape St., San Diego. *Offices in*: Phoenix; C. H. McMillan, Dist. Mgr., 615 S.W. 13th Ave., Portland; A. T. Koenninger, Dist. Mgr., 509 Olive Way, Seattle. *Offices in*: Spokane; K. S. Dawon, Dist. Mgr., 215 S. 4th E., Salt Lake City.

GENERAL ELECTRONICS, INC., 101 Hazel St., Paterson, N. J.—Nickerson & Rudat, 383 Brannan St., San Francisco.

GENERAL ENG. & DESIGN CO., 439 E. Fort St., Detroit, Mich.—Detach & Co., 341 10th St., San Francisco.

GENERAL INDUSTRIES CO., Olive & Taylor Sts., Elyria, Ohio —James J. Backer Co., 2321 Second Ave., Seattle 1; Berthold Sales Co., 4411 Maple Ave., Dallas 1; W. Bert Knight Co., 13037 W. Pico Blvd., Los Angeles 64; Gordon G. Moss, P.O. Box 428, Greeley, Colo.; Moulthrop & Hunter, 228 Ninth St., San Francisco 3.

GENERAL INSULATED WIRE WORKS, INC., 69 Gordon Ave., Providence, R. I. — J. B. Tubergen Co., 2232 W. 11th St., Los Angeles.

GENERAL LIGHTING CO., INC., 1527 Charlotte St., New York City 60—Sold thru General Elec. Supply, Graybar Elec. Co., Inc., all principal cities.

GENERAL MILLS, INC., 1620 Central Ave. N. E., Minneapolis, Minn.—Mr. Henry S. Kingman, Jr., 116 New Montgomery St., San Francisco 6; Mr. E. M. Schindeldecker, 4309 Fruitland Ave., Los Angeles 11; Mr. Joseph C. Platt, 2213 Fourth Ave., Seattle 1; Mr. D. H. Sluman, 1601 Glen Bar Drive, Box 7528 Lakewood, Colo.

GENERAL PACIFIC CORP., 1501 E. Washington Blvd., Los Angeles 12, Calif.—Branch Offices: 127 10th St., San Francisco 3; 416 Bell St., Seattle 1; 1020 University Ave., San Diego 3; 907 Terminal Sales Bldg., Portland, and Denver, Colo.

GENERAL RADIO COMPANY, 275 Massachusetts Ave., Cambridge 39, Mass.—General Radio Co., 1000 No. Seward St., Los Angeles 38, Calif.

GENERAL REFRIGERATION DIV., Yates American Machine Co., Beloit, Wis.—Lipman Distributors, 1150 N. Western Ave., Los Angeles; Ris Shankman, P. O. Box 213, Soap Lake, Wash.

GENERAL SWITCH CORP., 45 Roebling St., Brooklyn, N. Y.—Keeler, White Co., in following cities: 422 N.W. 4th St., Portland; 1041 6th Ave. So., Seattle 4; 615 7th St., San Francisco 3; So. 121 Madison St., Spokane 8; Jack Payne Sales Co., 433 Colyton St., Los Angeles.

GENERAL TRANSFORMER CO., 18240 Harwood Ave., Homewood, Ill.—Marshank Sales, 672 So. Lafayette Park Pl., Los Angeles.

GENERAL WATER HEATER CORP., 240 N. Front St., Burbank, Calif.

GEORGE CO., P. D., 5200 N. Second St., St. Louis 7, Mo.—Insulation and Wires, Inc., 2240 East Washington Blvd., Los Angeles 21; 1077 Howard St., San Francisco 3, and 525 N. Tillamook St., Portland.

GERINGER & SONS MFG. CORP., Peekskill, N. Y.—Panama Lamp & Commercial Co., Inc., 325 9th St., San Francisco, 326 So. San Pedro St., Los Angeles; 568 1st Ave., So., Seattle 4.

GIBSON ELECTRIC CO., 8350 Frankstown Ave., Pittsburgh 21, Pa.—E. A. Wilcox Co., 277 Seventh St., San Francisco, 2202 S. Atlantic Blvd., Los Angeles; 913 Arctic Bldg., Seattle.

GIBSON REFRIGERATOR CO., 515 W. Williams, Greenville, Mich.—J. J. Lukanish Co., 1355 Market St., San Francisco; Seattle Hdwe. Co., 501 1st Ave., So., Seattle; Electrical Dist., Inc., 140 N.W. 14th St., Portland; Prudential Dist. Inc., S. 151 Stevens St., Spokane; Austin & Son, 1123 Wazee St., Denver; Billings Hardware, 272 Montana Ave., Billings; Graybar Electric Co., Los Angeles, Long Beach, San Diego and Phoenix.

GILBERT CO., THE A. C., Erector Square, New Haven, Conn.—Dist. Manager, 151 Alberta Ave., San Carlos, Calif.

GILL ELECTRIC MANUFACTURING CORP., 624 W. Citrus Ave., Redlands, Calif.—J. E. Shull, 350 S. Central Ave., Los Angeles 13; Lee Arter Co., 1355 Market St., San Francisco 3, and 672 S. Lafayette Park Pl., Los Angeles 5.

GILL GLASS AND FIXTURE CO., Amber & Tioga Sts., Philadelphia, Pa.—Branch Offices: 1085 Monadnock Bldg., San Francisco, and 609 Thomas Bldg., Dallas.

GIVEN MFG. CO., 3301 E. Fruitland, Los Angeles 58—Branch, 1401 3rd St., San Francisco. Neal Derby, 1743 1st Ave So., Seattle; Richard Finklea, Box 3851, Portland; Stanley Rudnick, 438 Larimer St., Denver; Rex W. Williams, Box 2016, Salt Lake City.

GLATTHAR LIGHTING CO., 949 East 72nd St., Cleveland 3, Ohio —Allied Elec'l Agencies, 1431 Minor Ave., Seattle 1.

GLEASON & CO., J. L., 203 Bent St., Cambridge 41, Mass.—Donald T. Elliott, 729 Mission St., San Francisco 3.

GLEASON-TIEBOUT GLASS CO., 59-50 54th St., Maspeth, New York City—John Maddox, 420 Market St., San Francisco; Maddox Sales Co., 912½ E. Third St., Los Angeles; Stanford Darger, 328 W. 2nd South St., Salt Lake City.

GLOBAR DIVISION, the Carborundum Co., Niagara Falls, N. Y. —Branch Office: 443 11th St., Santa Monica, Calif.; 25 California St., San Francisco.

GLOBE AMERICAN CORP., Macomb, Ill.—Gillette & McLaren, 131 S.W. 4th Ave., Portland; Central Bldg., Seattle.

GLOBE LIGHTING PRODUCTS, INC., 1710 Flushing Ave., Brooklyn 6—Branch Office: 2121 So. Main St., Los Angeles. Representatives: Tex Raisen, 3259—57th S.W., W. Seattle, Wash.; Harry Ream, 2695 Newland Ave., Denver, Colo.; Luke Simpson, 1315—25th St., San Diego, Calif.; Al Perdue, 4305 Ravenwood Ave., Sacramento, Calif.; Joe Pellicano, 4146 N.E. 69th St., Portland, Ore.; Otis W. Burrell, 2166 Market St., San Francisco, Calif.

GLOBE HEAT-SEAL, INC., 3380 Robertson Blvd., Los Angeles, Calif.—Direct through machinery dealers.

GLOBE STEEL TUBES CO., 3839 W. Burnham St., Milwaukee 4, Wis.—Branch Office: C. J. Bickler, Dist. Sales Mgr., 102 N. Brand Blvd., Glendale 3, Calif.; F. W. Taylor, agent, 401 Denham Bldg., Denver.

GLOLITE CORPORATION, 1107 Washington Blvd., Chicago, Ill. —Jerry Smilowe, 3411 Tulare Ave., Burbank, Calif.

GODFREY & WING, INC., 2110 Superior Ave., Cleveland, Ohio —Lange-Puckner, 9228 Brier Rd., La Mesa, Calif.; Ray Terral, Newhouse Hotel, Salt Lake City.

GODFREY MFG. CO., 2642 S. Michigan Ave., Chicago, Ill. — H. H. Van Luven Co., 120 S .Hewitt St., Los Angeles; Ra-Tone Electronics Co., 128 W. Washington, Phoenix.

GOLDEN - ANDERSON VALVE SPECIALTY CO., 207 Keenan Bldg., Pittsburgh, Pa.—R. P. Carmien Co., 812 San Fernando Bldg., Los Angeles; Moorlane Co., 1424 Market St., Denver 2; D. H. Lundin Co., 1127 E. Northlake, Seattle 5; Harry E. Clark, 608 M & M Bldg., Houston; Asa E. Hunt, 1708¼ Commerce St., Dallas; W. S. Turner Co., Pacific Building, Portland.

GOODRICH MFG. COMPANY, Bayshore Highway, San Francisco, Calif.

GORDON CO., CLAUD S., 3000 S. Wallace St., Chicago, Ill.—Pacific Scientific Co., 25 Stillman St., San Francisco; 1430 Grande Vista, Los Angeles; 1915 First Ave. So., Seattle and Terminal Sales Bldg., Portland.

GOTHAM LIGHTING CORP., 37-01 31st St., Long Island City, N.Y. —Wm. O. Proby & Associates, 522 First Ave. South, Seattle 4; 135 Northeast Park Ave., Portland 9; 121 S. Madison St. Spokane 8; Louis D. Black, 4806 Santa Monica Blvd., Los Angeles 27 and 1315 25th St., San Diego; C. T. Bakeman & Associates, 445 Bryant St., San Francisco 3; Wm. Benndorf Co., P.O. Box 1926, Phoenix.

GOULD NATIONAL BATTERIES, INC., 467 Calhoun St., Trenton, N.J.—Branch Offices: C. H. Hart, Regional Mgr., 244 Fremont St., San Francisco; 829 15th St., Denver 2; 415 South 2nd East, Salt Lake City.

GOULDS PUMPS, INC., 200 Fall St., Seneca Falls, N. Y.—R. M. Wade & Co., 1919 N.W. Thurman St., Portland and 532 First Ave. South, Seattle; Pump Engineering Co., 2011 Santa Fe Ave, Los Angeles; Woodin & Little, Inc., 33-41 Fremont St., San Francisco; Warner Co., 1600 15th St., Denver; Midland Implement Co., Billings; Gilbert Pump & Equipment Co., 4532 East Washington St., Phoenix; Steve Regan Co., 451 S. 3rd St., Salt Lake City.

GRAND HOME APPLIANCE CO., 2323 E. 67th St., Cleveland 4, Ohio—Washington Stove Works, Box 919, Everett, Wash.; Billings Hdwe. Co., Billings, Mont.; Strevell-Paterson Co., 126 South West Temple, Salt Lake; J. H. Nicodemus, 230 S. 4th West, Salt Lake; Boyd Dist. Co., 20 W. 13th St., Denver.

GRAYHILL, 4524 W. Madison St., Chicago 24, Ill.—A. J. Nelson, Box 5502, Denver; C. B. Parsons, 3028 First Ave., Seattle; Nickerson & Rudat, 383 Brannan St., San Francisco; John B. Tubergen Co., 2232 W. 11th St., Los Angeles; Chas. L. Thompson Ltd., 1998 Maple St., Vancouver, B.C.

GRAYSIX COMPANY, 2427 4th St., Berkeley, Calif.—George A. Gray Co., 2720 17th St., San Francisco 10.

GREAT LAKES ELECTRIC MFG. CO., 17 S. Desplaines St., Chicago 6, Ill.—W. C. King, 912 E. Third St., Los Angeles 13.

GREAT WESTERN FUSE DIV., Titeflex, Inc., 500 Frelinghuysen Ave., Newark, N. J.—F. M. Nicholas Co., 714 Harrison St., San Francisco; Bruce - Emmett Co., 830 S.E. Alder St., Portland, offices in Seattle; Michel Bros., 1015 E. 16th St., Los Angeles; Wm. Buckley, 1161 E. Florence Ave., Los Angeles; L. D. Hood Sales Agency, P.O. Box 2751, Lakewood, Colo.; Peabody Bros., 3015 Taylor St., Dallas and M. & M Bldg., Houston.

GREENE ELECTRIC FURNACE CO., 2702 6th Ave. So., Seattle 4, Washington.

GREEN, INC., R. H., 1201 24th St., Oakland, Calif.

GREENLEE TOOL CO., 2136 12th St., Rockford, Ill.—Lippincott Co., Inc., 1052 W. 6th St., Los Angeles 14; 461 Market St., San Francisco 5 and 911 Western Ave., Seattle 4.

GRIEVE-HENDRY CO., 1648 W. Haddon Ave., Chicago 22, Ill.—Eastman Pacific Co., 2320 E. 8th St., Los Angeles.

**GRIFFIN LAMP CO.**, 405 So. 3rd St., Hamilton, Ohio—Harry C. Younger, 1170 Laurel St., Pasadena, Calif.; Jack Duval, 1688 34th St., San Francisco; D. James Murray, 308 Ninth Ave., No., Seattle.

**GRISWOLD MFG. CO.**, 1053 W. 12th, Erie, Pa. — W. F. Smith, 6356 Drexel Ave., Los Angeles; G. R. Woodward, 511 Merchandise Mart, Denver; S. W. Brown, 520 Governor Stevens Ave., Olympia, Wash.

**GRUEN LIGHTING CO.**, 8336 W. 3rd St., Los Angeles—Oscar Hogenson, 95 Connecticut St., Seattle; Wm. Ashton, Rialto Bldg., San Francisco; Fred Adams, El Paso.

**GUARDIAN ELECTRIC MFG. CO.**, 1621 West Walnut St., Chicago 12, Ill.—Logan Sales, 530 Gough St., San Francisco 2; Marsh Agencies, 2601 1st Ave., Seattle 1; Roy E. Renz, 1406 So. Grand Ave., Los Angeles 15; J. F. McKinney Sales Co., 1330 N. Industrial Blvd., Dallas 1; Frank Y. Gates, 822 Cont. Bank Bldg., Salt Lake City 1.

**EDWIN F. GUTH COMPANY**, 2615 Washington St., St. Louis, Mo.—Dan H. Radke Co., 754 Natoma St., San Francisco 3; Gaer, Florance & Associates, 2052 Humboldt, Denver; John Allen Ware, Sr., 301 West G St., San Diego; John Allen Ware, Jr., 4807 No. 29th Place, Phoenix; W. D. Evans, Jr., 1117 S. Robertson Blvd., Los Angeles 35; W. A. Crowder, 602 Empire State Bldg., Spokane.

**GUTHMAN & CO., INC., EDWIN J.**, 15 S. Throop, Chicago, Ill.—Conrad R. Strassner, 1865 N. Western Ave., Los Angeles 27.

**H-B INDICATOR CO.**, 915 Terminal Sales Bldg., Seattle 1, Wash.—Northwest Sales and Eng. Service Co., 915 Terminal Sales Bldg., Seattle; A. J. Nelson Co., P.O. Box 2244, Denver, Colo.; Tri-State Supply Corp., 554 Bryant St., San Francisco; 544 So. San Pedro, Los Angeles; 318 Occidental Ave., Seattle.

**H-B INSTRUMENT CO.**, 2683 Trenton Ave., Philadelphia 25, Pa.—Oscar Hogenson, 95 Connecticut St., Seattle 4; H. D. Prowell Co., 2335 E. 8th St., Los Angeles 21; The Ballard Co., 407 Sansome St., San Francisco 11, Calif.; Chas. E. Klaus, 1004 S.E. Belmont, Portland.

**HD ELECTRIC COMPANY**, 760 Osterman Ave., Deerfield, Ill.—L. A. Nott, 1061 Howard St., San Francisco; T. S. Wood, 220 Ninth Ave., North, Seattle; J. E. Redmond, 625 W. Madison, Phoenix; W. D. Howze & Co., 5603 No. Figueroa St., Los Angeles 42.

**HAARTZ-MASON CO.**, Watertown, Mass.— Elec. Specialty Co., 316 Eleventh St., San Francisco; 418 E. Third St., Los Angeles; 2406 1st Ave. So., Seattle, 1015 21st St., Denver 2.

**HACKENSACK CABLE CORP.**, 110 Orchard St., Hackensack, N. J.—McCune-Merifield Co., 909 Western Ave., Seattle 4; 51 Fremont St., San Francisco; 1331 So. Los Angeles St., Los Angeles; 1340 Pennsylvania St., Denver.

**HAGEN MFG. CO. INC.**, Moline, Ill.—Agencies Co., 836 Traction Ave., Los Angeles.

**HALEDY ELECTRONICS CO.**, 57 William St., New York City—Neely Enterprises, 7422 Melrose Ave., Hollywood, 107 Washington St. S.E., Albuquerque, 32 West Jefferson St., Phoenix; 2830 Geary Blvd., San Francisco 18, 309 Ochsner Bldg., Sacramento; James L. Kearns Co., 7930 S.E. Stark St., Portland 16.

**HALEY & CO. INC., R. G.**, 707 Spitzer Bldg., Toledo, Ohio—R. G. Haley Corp., 318 Weisgerber Bldg., Lewiston, Idaho.

**HALL CO., FRED C.**, 17 Cedar St., San Carlos, Calif.—American Truck Equip. Co., Swan Island, Portland.

**HALLICRAFTERS CO.**, 4401 W. 5th Ave., Chicago, Ill.—James J. Backer, 2321 Second Ave., Seattle; Wm. H. Shaw, 135 N. Franklin Ave., San Gabriel, Calif.

**HAMILTON BEACH CO.**, Div. Scovill Mfg. Co., 1509 Rapids Dr., Racine, Wis.—Paul A. Douden, 1645 Wazee St., Denver; R. M. Saunders, 1527 E. Mountain St., Glendale 6, Calif; E. F. Steffan, Rte. 2, Box 411, Bellevue, Wash.

**HAMILTON MFG. CO.**, Two Rivers, Wis.—Branch Office: Harry J. Moeller, Regional Representative, 901 SW. King Ave., No. 918, Portland 5. Leading Electrical distributors all principal cities.

**HAMMARLUND MFG. CO., INC.**, 460 W. 34th St., New York City—Wm. Darden, 290 First St., San Francisco; Don H. Burcham, 917 S.W. Oak St., Portland; R. M. Campion, P.O. Box 4116, Sta. A, Dallas.

**HANDLEY BROWN HEATER CO.**, Brooklyn Road, Jackson, Mich.—Paul H. Rice, 1355 Market St., San Francisco.

**HANOVIA CHEMICAL & MFG. CO.**, 100 Chestnut St., Newark 5, N. J.—Branch Office: 5303 Adeline St., Oakland, Calif.; C. C. See, Mgr.

**HANSEN MFG. CO., INC.**, R.R. 1, Princeton, Ind.—Perlmuth Colman & Associates, 1335 So. Flower, Los Angeles, and 420 Market St., San Francisco.

**HARDWICK, HINDLE, INC.**, 40 Hermon St., Newark 5, N. J.—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles 16; John B. Guenther, 7322 Marquette Ave., Dallas 5.

**HARING SWITCH PLATE CO.**, 306 5th, Perkasie, Pa.—Ralph W. Sullivan, 420 Market St., San Francisco; Colorado Western Sales Co., 501 Broadway, Denver.

**HARPER ELECTRIC FURNACE CORP.**, 39 River St., Buffalo 2, N. Y.—Kent H. Power, 716 Wilshire Blvd., Santa Monica, Calif.

**HARPER CO., H. M.**, 8200 Lehigh Ave., Morton Grove, Ill.—Branch Offices: 835 E. 31st St., Los Angeles and 3835 Piedmont Ave., Oakland 11, Calif.; Representatives—A. Roth, 4321 Dover St., Wheat Ridge, Colo.; T. Blunden, 1502 Olive Way, Seattle 22.

**HART MANUFACTURING CO.**, 110 Bartholomew Ave., Hartford, Conn.—L. J. Proby, 422 Smith Tower, Seattle; E. B. Cook Co., 1063 Howard St., San Francisco; H. H. Van Luven Co., 120 S. Hewitt St., Los Angeles; F. Y. Gates, 200 S. Main St., Salt Lake City 1.

**HART TOLEDO INC.**, 1932 N. 13th St., Toledo, Ohio—Carl Chupack, 324 N. Curson, Los Angeles.

**HARTFORD ELEMENT CO., INC.**, 276-8 Windsor St., Hartford, Conn.—(L. E. Whelan Co., 276 Windsor St., Hartford, Conn., sales agent and distributor.) Sold direct to manufacturers and electric & hardware wholesalers.

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**HARTZELL PROPELLER FAN CO.**, South Downing St., Piqua, Ohio—Maydwell & Hartzell, Inc., in following cities: 427 W. 5th St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; 306 Dexter Ave., Seattle 4, and 158 11th St., San Francisco; 814 Paulsen Bldg., Spokane; 210 W. Adams St., Phoenix.

**HARVEY-WELLS ELECTRONICS INC.**, Southbridge, Mass. — Herb Becker, 1140 Crenshaw, Los Angeles.

**HASKINS CO., R. G.**, 2651 West Harrison St., Chicago, Ill.—J. C. Fletcher, 1415 Folsom St., San Francsco; Zonne Electric Tool Co., 2226 So. San Pedro, Los Angeles.

**HATFIELD WIRE & CABLE CO.**, 487 Hillside Ave., Hillside, N. J.—Keeler White Co., 615 7th St., San Francisco, 406 Colyton St., Los Angeles; 1041 6th Ave So., Seattle; 322 N.W. 4th Ave., Portland.

**HAWS REFRACTORIES CO.**, 407 Main St., Johnstown, Pa.—E. A. Wilcox Co., 406 S. Main St., Los Angeles 13; 277 7th St., San Francisco 3; Arctic Bldg., Seattle 4.

**HEALTH-MOR, INC.**, 203 N. Wabash Ave., Chicago, Ill.—Branch Office: 4913 W. Jefferson Blvd., Los Angeles; 8947 Aurora St., W., Seattle; 126 N.E. Broadway, Portland; 3232 Fruitvale Ave., Oakland; 1282 Huson St., So., Tacoma. 1810 W. Washington, San Diego; 3215 Zuni St., Denver; 1225 N. Division St., Spokane; Lake Park & Rand Aves, Oakland.

**HEALY-RUFF CO.** Water Level Control Div., 2255 University Ave., St. Paul 14, Minn.—Water Works Sales Co., 600 W. 48th Ave., Denver 16; Idaho Waterworks Corp., P.O. Box 1761, Boise; Waterworks Equipment Co., 149 W. 2nd South St., Salt Lake City; Garland-Affolter Eng. Corp., 417 S. Hill St., Los Angeles and 58 Sutter St., San Francisco; Western Transmission Co., 4261 S.E. Stark St., Portland.

**HEDGES MANUFACTURING CO., INC.**, 700 East Main St., Chattanooga, Tenn.—J. H. Schmidt, Santa Fe Bldg., Dallas; Wilson & Co., San Francisco.

**HEINEMANN ELECTRIC CO.**, Penna Ave. and Plum St., Trenton, N. J.—Northwestern Agencies, Inc., 4130 First Ave., South, Seattle; Anson-Fowler Co., 178 Townsend St., San Francisco; Don Porter, 1117 S. Robertson Blvd., Los Angeles; Paul A. Douden & Co., 1645 Wazee St., Denver 7; William Benndorf, 401 W. Jackson St., Phoenix.

**HELIPOT CORP.**, 916 Meridian Ave., South Pasadena, Calif.—Samuel N. Stroum Co., 610 19th Ave. North, Seattle.

**HELLER CO.**, 2135 Superior Ave., Cleveland, Ohio—Branch Office: 420 Market St., San Francisco.

**HELWIG COMPANY**, 2544 No. 30th St., Milwaukee, Wis.—Campbell & George Co., 379 Brannan St., San Francisco; F. S. Fletcher, 4150 S. Main St., Los Angeles; J. E. Richardson, 166 Jackson St., Seattle; H. E. Perkins, 317 N.W. Broadway, Portland; J. R. Christensen, 247 E. 5th St. South, Salt Lake City; M. G. Mueller, 1644 Blake St., Denver.

**HEMINGRAY GLASS INSULATORS**, Toledo, Ohio—Maydwell & Hartzell, Inc., 158 Eleventh St., San Francisco; 427 W. 5th St., Los Angeles; 1238 N.W. Glisan St., Portland; 306 Dexter Ave., Seattle; 814 Paulsen Bldg., Spokane; 210 W. Adams, Phoenix.

**HENDERSON ELECTRIC CO.**, Ampere, N. J.—George Gray Co., 2720 17th St., San Francisco; J. G. Pomeroy Co., 1004 E. 4th St., Los Angeles; Northwestern Agencies, Inc., 4130 First Ave. S., Seattle.

**HENKEL-CLAUSS CO.**, 223 North Place, Fremont, Ohio—Bart-Kinnison Co., 1355 Market St., San Francisco 3, and 821 N.W. Flanders St., Portland.

**HERBERT PRODUCTS, INC.**, 74-32 Jamaica Ave., Woodhaven 21, N.Y.—American Type Founders, Inc., 360 Golden Gate Ave., San Francisco.

**HERTNER ELECTRIC CO.**, 12690 Elmwood Ave., Cleveland, Ohio—Robert M. Schow, 1709 W. 8th St., Los Angeles 14; John B. McDonough, 112 Market St., San Francisco 5; Stephen Thurlow Co., 2405 11th Ave., Seattle 4.

**HERWIG CO.**, 1757 Sedgwick St., Chicago, 14, Ill.—General Electric Supply Co., Westinghouse Electric Supply Co., Graybar Elec. Co., Inc., all cities. Incandescent Supply Co., San Francisco, Fresno, Oakland and Los Angeles; Coast Electric Co., San Diego and San Francisco; Lighting & Supply Co., San Francisco.


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**HEWLETT-PACKARD CO.**, 395 Page Mill Road, Palo Alto, Calif. —Neely Enterprises, 7422 Melrose Ave., Los Angeles; 2830 Geary Blvd., San Francisco; 32 W. Jefferson, Phoenix; 107 S. Washingington, Albuquerque.

**HEWSON CO., THE JOHN**, 106 Water St., New York—E. G. Paules, 1762 W. Vernon, Los Angeles; Ed Ottsman & Sons, 536 Sansome St., San Francisco; A. E. Heinsohn, 1443 Blake St., Denver; Redmond Supply Co., Phoenix.

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**HEYMAN MFG. CO.**, 1000 Michigan Ave., Kenilworth, N. J.—Agencies Co., 836 Traction Ave., Los Angeles 13.

**HIGH TENSION CO., INC.**, 86 No. Main St., Phillipsburg, N. J. J. B. Ambler, Denver Nat'l Bldg., Denver; Riter Eng. Co., Kearns Bldg., Salt Lake City; Paul S. Everley Co., 1063 Howard St., San Francisco; Agencies Co., 836 Traction Ave., Los Angeles 13.

**HIGHWAY TRAILER CO.**, Edgerton, Wis.—W. H. Eddy Electric Products, Inc., P. O. Box 1428, Phoenix, Arizona; Four Wheel Drive Pacific Co., 2700 South Broadway, Los Angeles 7, California; Four Wheel Drive Pacific Co., 469 Bryant Street, San Francisco 7, California; Truck Equipment Company, 3963 Walnut St., Denver, Colorado; W. H. Eddy Electric Products Inc., (Branch) 213 Wellesley Drive, S.W., Albuquerque, New Mexico; Black-Hills Oldsmobile-Cadillac, Inc., 6th at Kansas City Street, Rapid City, South Dakota; Utah Truck Equipment Company, 1045 South Main Street, Salt Lake City, Utah; Cole Commercial Company, 3423 Fourth Avenue, South, Seattle 4, Wash.

**HILCO ENGINEERING CO.**, 1723 N. Elston Ave., Chicago, Ill.—Harry N. Lindsey, 1261 W. 56th St., Los Angeles 37.

**HILL-SHAW CO.**, 311 N. Desplaines St., Chicago 6, Ill.—L. L. Raymer, 911 Western Ave., Seattle; M. A. Shirley, 282 6th St., San Francisco; George L. Woodward, 510 Merchandise Mart, Denver.

**HI-SCALE PRODUCTS CORP.**, 217 Centre St., New York City —Northwest Sales Co., 1603 Northwest Johnson St., Portland 9; Eckert-Lloyd Co., 2115 S. San Pedro, Los Angeles 11, and 144 Townsend St., San Francisco.

**HITCHNER & HITCHNER**, 517 S. First St., Sandpoint, Idaho.

**HITEMP WIRES, INC.**, 26 Windsor Ave., Mineola, New York—Standard Wire & Cable Co., 3440 Overland Ave., Los Angeles.

**HI-VOLTAGE EQUIPMENT CO.**, 4000 E. 116th St., Cleveland, Ohio —Paul A. Douden Co., 1645 Wazee St., Denver; Joslyn Pacific Co., 5100 District Blvd., Los Angeles; 180 Portrero Ave., San Francisco; 808 N.W. 16 Ave., Portland; 2424 First Ave., South, Seattle; 1427 E. 3045 South St., Salt Lake City.

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**IDEAL LIGHTING PRODUCTS CO.**, 1547 Gentry, Kansas City, Mo.—Ray Lamberth, 320 Judah St., Los Angeles; Merwin Altfeld, 3500 Bentley, Los Angeles; Joe Blonder, 2617 N. E. 14th Ave., Portland.

**ILG ELECTRIC VENTILATING CO.**, 2850 N. Crawford Ave., Chicago 41, Ill. — Branch Offices: 1709 W. 8th St., Los Angeles; 55 New Montgomery, San Francisco; 7331 W. Greenlake Way, Seattle; 914 W. Madison St., Phoenix; 1028 Champa St., Denver; 1482 Major St., Salt Lake City; 408 Bassett Tower Bldg, El Paso; 1316 N. Carroll Ave., Dallas; 1400 Tidelands Ave., National City, Calif; 10340 N.E. Sandy Blvd., Portland.

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**ILLINOIS ELECTRIC PORCELAIN CO.**, 510 N. Pearl, Macomb, Ill.—Kenneth M. Anderson Co., 412 Seaton St., Los Angeles; Fred S. Baldwin Co., 4949 Stanford Ave., Seattle 5; F. M. Nicholas Co., 714 Harrison St., San Francisco 5; E. H. Jacobs, P. O. Box 113, Dallas; R. E. Tweedy, P. O. Box 6313, Phoenix; L. D. Kipe, Box 1285, Denver 12.

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**INDUSTRIAL ENGINEERING & EQUIPMENT CO.**, 711 S. Theresa St., St. Louis, Mo.—R. W. Scott & Associates, 2534 38th Ave., San Francisco; Fuel Engineering, 3446 W. First St., Los Angeles 5.

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**INDUSTRIAL TAPE CORP.**, Highway 25, New Brunswick, N. J.—Branch Offices: 1711 S. Grand St., Los Angeles; 3rd & Market, Hearst Bldg., San Francisco; Jackson & Occidental Avenues, Seattle.

**INDUSTRIAL TELEVISION, INC.**, 359 Lexington Ave., Clifton, N. J. —David Ross Co., 1355 Market St., San Francisco 3; Bryon McDonald Co., 5717 Condon Ave., Los Angeles 56.

**INDUSTRIAL TIMER CORP.**, 112 Edison Place, Newark, N. J.—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles; 988 Market St., San Francisco; C. B. Parsons, 3028 First Ave., Seattle.

**INET, INC.**, 8655 S. Main, Los Angeles, Calif.—C. E. Ingalls & Sons, Monadnock Bldg., San Francisco; W. H. Eddy Elec. Prod. Inc., P.O. Box 1428, Phoenix; Hamilton Associates, 1236 Elati St., Denver 2 and 4715 Watauga Rd., Dallas; R. F. Hendry & Co., Smith Tower, Seattle 4; Wm. J. Cottrell Co., 11341 S.W. Pacific Highway, Portland 19.

**INLAND GLASS WORKS**, Div. of Club Aluminum Prod., 6101 W. 65th St., Chicago, Ill.—Ralph I. Wall, 1640 Camulos Ave., Los Angeles; George D. Norris Co., 3010 First Ave., Seattle 1.

**INSULATION & WIRES, INC.**, 3435 Chauteau, St. Louis, Mo.—Insulation & Wires, Inc., 1077 Howard St., San Francisco; 2240 E. Washington Blvd., Los Angeles and 1702 N.E. Sandy Blvd., Portland.

**INSULATED DUCT & CABLE CO.**, Stokes Ave., Trenton, N. J. —Hodges & Glomb, 1264 Folsom St., San Francisco; Albert S. Knight Co., 3010 Western Ave., Seattle.

**INSULATION MANUFACTURERS CORPORATION**, 565 W. Washington Blvd., Chicago, Ill.—Electrical Specialty Co., 418 East Third Street, Los Angeles 13, Calif.; 316 Eleventh Street, San Francisco 3, Calif.; 1015 21st Street, Denver 2, Colo.; 325 Northwest Sixth Avenue, Portland 9, Oregon; Tri-State Supply Corp., 544 S. San Pedro, Los Angeles 13; 554 Bryant St., San Francisco 7; 318 Occidental Ave., Seattle 4; Western Fiberglas Supply Co., 739 Bryant St., San Francisco and 937 S. Grand, Los Angeles 15; Insulation & Wires, Inc., 2240 E. Washington Blvd., Los Angeles; 1702 N.E. Sandy Blvd., Portland 14 and 1077 Howard St., San Francisco.


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**INTER-MATIC TIME SWITCH** Div. of International Register Co., 2620 W. Washington Blvd., Chicago, Ill.—Keeler White Co., (in following cities) 615 7th St., San Francisco; 422 N. W. 4th St., Portland; 1041 6th Ave. So., Seattle; The McLoughlin Co., 811 E. 14th Place, Los Angeles; H. George Shefler Co., 240 So. 1st Ave., Phoenix; E. T. Vonier Co., 1160 Elati, Denver.

**INTERNATIONAL APPLIANCE CORP.**, 222 Fifth Ave., New York City—Eric F. Chemnitz & Co., 1355 Market St., San Francisco; 1148 S. Grand Ave., Los Angeles; Earl E. Eckstrom & Associates, 2601 Second Ave., Seattle; Edward J. Lackner Co., 680 Bellaire, Denver.

**INTERNATIONAL GRAPHITE & ELECTRODE CORP.**, St. Marys, Pa.—E. A. Wilcox Co., 277 7th St., San Francisco 3; 406 S. Main, Los Angeles 13; 417 Arctic Bldg., Seattle 4.

**INTERNATIONAL HARVESTER CO**, 180 N. Michigan Ave., Chicago, Ill.—Branch Offices: 201 Potrero St., San Francisco; 734 Lawrence St., Los Angeles; 56 S.E. Belmont St., Portland; 2308 15th St., Denver; 701 W. 17th St., Cheyenne; 715 E. Sprague Ave., Spokane; 435 W. 4th South St., Salt Lake City.

**INTERNATIONAL METAL PRODUCTS CO.**, 500 S. 15th St., Phoenix, Ariz.—Nate Kopald, 136 N. Sweetzer, Los Angeles 36; O. J. Grendahl, Box 191, Aurora, Colo.; Don Smith, P. O. Box 1712, Phoenix.

**INTERNATIONAL NICKEL CO., INC.**, 67 Wall St., New York City 5.—Pacific Metals Co., Ltd., 3100 19th St., San Francisco; 1400 S. Alameda St., Los Angeles; Eagle Metals Co., 4755 1st Ave. So., Seattle; 2336 N. Randolph Ave., Portland, and E. 320 Trent Ave., Spokane; Metal Goods Corp., 2425 Walnut St., Denver.

**INTERNATIONAL RECTIFIER CORP.**, 1521 E. Grand Ave., El Segundo, Calif. — Allen I. Williams, 230 Cooper Bldg., Denver 2; C. B. Parsons & Co., 3028 First Ave., Seattle; Jordan Sales Co., 5313 N. 12th St., Phoenix; Eichorn & Melchoir, 501 Indiana St., San Francisco 7.

**INTERNATIONAL RESISTANCE CO.**, 401 N. Broad St., Philadelphia, Pa. — Marshank Sales Co., 672 S. Lafayette Park Pl., Los Angeles 5; J. P. Hermans Co., 1234 Folsom St., San Francisco 3; David M. Lee, 2517 Second Ave., Seattle 1; Ronald G. Bowen, 446 Broadway, Denver 3.

**INTERSTATE MFG. CO.**, Milford Turnpike, Orange, Conn.—L. J. Sullivan, 5225 Wilshire Blvd., Los Angeles.

**IOM CAPACITOR CORP.**, Columbia City, Ind.—Eastman Pacific Co., 2320 E. 8th St., Los Angeles 21.

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IRVINGTON VARNISH & INSULATOR CO., 6 Argyle Terrace, Irvington, N. J.—C. D. LaMoree, 1325 San Julian St., Los Angeles 15; 2221 Fourth St., Berkeley 2; 317 N.W. Broadway, Portland; C & H Supply Co., Adm. Bldg., Kings County Airport, Boeing Field, Seattle; Electric Motor Supply Co., 1646 Blake St., Denver 2; J. R. Christensen Agency, 247 E. 5th So., Salt Lake City.

I-T-E CIRCUIT BREAKER CO., 19th and Hamilton Sts., Philadelphia, Pa. — District Offices: Denham Bldg., 635 18th St., Denver 2, Colo.; Ralph G. Lockett, Western Regional Mgr.; 722 E. Washington Blvd., Los Angeles 21, Calif.; 320 4th St., San Francisco 7, Calif.; 2032 Dunlavy St., Houston, Tex. Sales Offices: R. E. McDonough Co., 726 S. Arizona St., Butte, Mont.; Butler & Land, 5538 Dyer St., Dallas 6, Texas; Electrical & Mechanical Supply Co., Inc., 708-716 N. Piedras St., El Paso, Texas; Garland Affolter Eng'g. Corp., 1233 N.W. 12th St., Portland 9, Ore.; Riter Engineering Co., 136 S. Main St., Salt Lake City 1, Utah; Electrical & Mechanical Supply Co., Inc., 215 W. San Francisco St., Santa Fe, New Mexico; Garland Affolter Eng'g Corp., 2603 Western Ave., Seattle 1, Wash.; Central Station Equipment Co., 2323 Aviation Highway, Tucson, Arizona.

J-B-T INSTRUMENTS, INC., 441 Chapel St., New Haven 8, Conn. —James P. Hermans Co., 1234 Folsom St., San Francisco; James J. Backer Co., 2321 Second Ave., Seattle; Howard M. Saul & Associates, 5720 Wilshire Blvd., Los Angeles.

JACK & HEINTZ PRECISION INDUSTRIES, INC., 17600 Broadway, Cleveland, Ohio — Branch Office: 1009 W. Arbor Vitae St., Inglewood 1, Calif.

JACKSON ELECTRICAL CO., 900-910 W. Van Buren St., Chicago 7, Ill.—Pete Bach Electric, 1233 N.W. 12th Ave., Portland 9; Electri-Cal, 5455 Hollywood Blvd., Los Angeles 27; L. D. Hood Sales Agency, P.O. Box 7651, Lakewood, Colo.

JACKSON PRODUCTS, 31739 Mound Road, Warren, Mich.—H. V. Gates, 3860 Canfield Road, Pasadena 8.

JACO PRODUCTS, 6408 Euclid Ave., Cleveland, Ohio—Harry E. Marshall, 104 Olive St., San Francisco 9.

JAMES CLOCK MFG. CO., 5307 E. 14th St., Oakland 1, Calif.—Dohrman Commercial Co., 972 Mission St., San Francisco; Universal Hotel Supply Co., 1117 Santee St., Los Angeles; Scientific Supplies C., Seattle; Braun Corp., 2260 E. 15th St., Los Angeles.

JANETTE MANUFACTURING CO., Lehigh at Main, Morton Grove, Ill.— Renold Ceventry Ltd., 1066 Seymour St., Vanvouver, B.C.; George E. Zweifel, 103 So. W. Front Ave., Portland 4; L. R. Burmester, 546 Howard St., San Francisco.

JAY KAY METAL SPECIALTIES CO., 192 E. 4th St., New York City 9, N.Y.—Jay Electric Barbeque Co., 1018 S. Hill St., Los Angeles.

JEFFERSON ELECTRIC CO., 25th and Madison, Bellwood, Ill. —L. O. Dugan, 1427 So. Hope St., Los Angeles; F. C. Scharr, 441 Dexter Horton Bldg., Seattle.

JEFFRIES TRANSFORMER COMPANY, 1710 E. 57th St., Los Angeles 58, Calif.—Sold direct from factory.

JELLIFF MFG. CORP., The C. O., Southport, Conn. — Perlmuth-Colman Associates, 420 Market St., San Francisco; 1335 So. Flower St., Los Angeles; 704 Third Ave., Seattle; 730 17th St., Denver.

JENKINS BROS., 100 Park Ave., New York City—O. W. Coombs, 1026 So. Olive St., Los Angeles; The Sanderlin Co., 129 First Ave. West, Seattle; Kenneth B. Schumann Co., 814 12th St., Denver; Nuro Co., 414 Houston Bldg., San Antonio.

JENSEN MFG. CO., 6601 S. Laramie Ave., Chicago, Ill.—R. G. Bowen, 446 Broadway, Denver; H. George Shefler, 240 S. First Ave., Phoenix; Phil Belchamber, 1401 Middle Harbor Road, Oakland; George S. Tivy, 1148 S. Grand, Los Angeles 15; Burt C. Porter, 4310 Roosevelt Way, Seattle.

JEWEL RADIO CORP., 10-40 45th Ave., Long Island City, N. Y.—Les Taufenbach Co., 4860 Valley Blvd., Los Angeles 32 and 1355 Market St., San Francisco.

JOHNS-MANVILLE, 22 E. 40th St., New York City 16—Branch Offices: 116 New Montgomery St., San Francisco 5; 600 16th St., Oakland 12; 816 West 5th St., Los Angeles 13; 777 Thomas St., Seattle 9; Terminal Sales Bldg., Portland 14; 403 Dooly Block, Salt Lake City; 1755 Glenarm Pl., Denver.

JOHNSON CO., E. F., 206 Second Ave. S.W. Waseca, Minn.—Don C. Wallace, 1206 Maple Ave., Los Angeles; Les Logan, 530 Gough St., San Francisco; Dave M. Lee Co., 2517 Second Ave., Seattle and 2712 Northeast Raleigh St., Portland 10; Ronald G .Bowen, 446 Broadway, Denver 3.

JOLECO CORP., 2513 Baldwin St., St. Louis, Mo.—R. C. English, 3814 N.E. Wasco St., Portland 13.

JONES, HOWARD B., Div. Cinch Mfg. Corp., 2460 W. George St., Chicago 18, Ill.—Branch Office: 1709 W. 8th St., Los Angeles.

JONES METAL PRODUCTS CO., THE, West Lafayette, Ohio—O. W. Coombs, 1026 So. Olive St., Los Angeles 15, and 21 So. Park, San Francisco 7; Bruce-Emmett Co., 830 S.E. Alder St., Portland 14, and 1016 First Ave. S., Seattle 4; Fred E. Staible & Sons, 2046 Arapahoe St., Denver 2; Dan Schisler, 1006 N. Hartsdale Dr., Dallas.

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JORDAN REFRIGERATOR CO., INC., 58th St. and Grays Ave., Philadelphia, Pa.—Norman Roossin, 1847 S. Flower St., Los Angeles; Medill Sales Co., 802 12th St., Denver; James A. Bertha, 910 S. Shepherd, Houston.

JUSTRITE MANUFACTURING CO., 2061 No. Southport Ave., Chicago, Ill.—Branch Office: 448 Monadnock Bldg., San Francisco 5—Paul V. Miles, Western Mgr.

KPF ELECTRIC CO., 1624 East Alpine Ave., Stockton 5, Calif.—L. A. Nott, 1061 Howard St., San Francisco 3.

KAAR ELECTRIC CO., 2995 Middlefield Road, Palo Alto, Calif. —Verner O. Jensen Co., 2616 Second Ave., Seattle; Gordon S. Armstrong, 814 Dominion Bldg., Vancouver, B. C.; E. G. Wence, Box 1695, Hilo, T. H.; Sherwood French, 721 Garland Dr., Palo Alto, Calif.

KAISER ALUMINUM & CHEMICAL SALES, INC., 1924 Broadway, Oakland 12, Calif.—Western Branch Offices at S. W. 6th & Taylor, Portland; 308 Hoge Bldg., Seattle; P. O. Box 1451, Spokane; 1924 Broadway, Oakland; 417 So. Hill St., Los Angeles; 910 Sixteenth St., Denver —Also sold thru General Electric Supply, Westinghouse Electric Supply Corp., and Line Materials Co.

KATO ENGINEERING CO., 1415 First Ave., Mankato, Minn.—Northwestern Agencies, 4130 First Ave. South, Seattle 4; Charles I. Thompson, 132 Hastings St. W., Vancouver, B.C.; Kaelin Electric, 1412 So. Los Angeles St., Los Angeles 15.

KAUFMAN MFG. CO., 29th and Meadow Lane, Manitowoc, Wis. —A. S. Knight, 3010 Western Ave., Seattle 1; R. E. Van Scoter Co., Alcott Station, 5150 Osceola, Denver 12; Baxter Jones & Associates, P.O. Box 6693, Dallas.

KAYLINE CO., 2480 E. 22nd St., Cleveland, Ohio—Fred J. Stone, 1355 Market St., San Francisco.

KEARNEY CORP., JAMES R.—4236 Clayton Ave., St. Louis, Mo.—Maydwell & Hartzell, Inc., in following cities: 158 11th St., San Francisco 3; 427 West 5th St., Los Angeles 13; 306 Dexter Ave., Seattle 4 and 1238 N.W. Glisan St., Portland 9; 814 Paulsen Bldg., Spokane and 210 W. Adams St., Phoenix; Conely Engineering Co., 165 So. First West St., Salt Lake City; Eugene E. Holke, 379 Hudson, Denver. (See adv. inside front cover.)

KEES MFG. CO., F. D., 24 High St., Beatrice, Neb. — Fred S. Zaugg, 927 N.W. Irving St., Portland; A & A Supply Co., P.O. Box 1516, Albuquerque; Edward J. Ryan, Merchandise Mart Bldg., Denver 2.

KELLEMS CO., 15 Williams St., Stonington, Conn.—R. E. Cunningham & Son, 701 Pacific Mutual Bldg., Los Angeles; George E. Honn Co., 420 Market St., San Francisco; Franklin Sales Co., Security Life Bldg., Denver.

KELLOGG SWITCHBOARD & SUPPLY CO., 6650 S. Cicero Ave., Chicago, Ill.—Branch Office; 1663 Mission St., San Francisco, 406 S. Main St., Los Angeles; Jewel-Summer Co., 407 Commercial Center, Beverly Hills, Calif.; 720 S.W. Washington St., Portland.

KELMAN ELECTRIC & MFG. CO., 1650 Naud St., Los Angeles, Calif.—C. E. Ingalls & Sons, Monadnock Bldg., San Francisco; Eicher & Co., Colman Bldg., Seattle; C. A. D. Young, 726 Colorado Bldg., Denver; W. H. Eddy Electric Products, Inc., P. O. Box 1428, Phoenix.

KELNOR MANUFACTURING CORP., 222 Kearney St., San Francisco, Calif. — Clay Estes Co., 1355 Market St., San Francisco.

KELVINATOR DIVISION—Nash Kelvinator Corp., 14250 Plymouth Road, Detroit 32, Mich.—West Coast Regional Manager, E. B. Barnes, Suite 316, 6253 Hollywood Blvd., Hollywood 28, Calif.; Branch Offices: 2914 E. 46th St., Los Angeles 58 and 2819 Elliott Ave., Seattle 1; 2325 East 12th St., Oakland. Distributors: Charles Ilfeld Co., 200 N. First St., Albuquerque; Taylor Dist. Co., P.O. Box 1116, Billings; Western Appliance Corp., 201 So. Cherokee, Denver; Elec. Equipment Co., First Ave. at Madison, Phoenix; Wilmot Hardware Co., 115 N. Main St., Roswell, N. M.; Flint Dist. Co., 316 W. 2nd South St., Salt Lake City; McCormack & Co., 450 Ninth St., San Francisco.

KENNAMETAL, INC., Lloyd Ave., Latrobe, Pa. — Branch Offices: 1229 California St., Denver 4; 101 Beverly St., San Francisco 27; 3715 Santa Fe Ave., Los Angeles 58; General Tool Eng., Box 4062, Sta. B, Spokane 15; Campbell Hdwe. & Supply, 3433 Airport Way at Spokane St., Seattle 4.

KENNECOTT WIRE & CABLE CO., Bourne Ave., Phillipsdale, R. I.—Chase Brass & Copper Co., 210 So. Central Ave., Los Angeles 54, and 680 Second St., San Francisco, and 1957 First Ave., South, Seattle 4.

KENT METAL MFG. CO., Inc., 490 Johnson Ave., Brooklyn 37, N.Y.—Pete Bach, 1233 N. W. 12th Ave., Portland.

KERITE COMPANY, 30 Church St., New York City—Branch Offices: The Kerite Co., 582 Market St., San Francisco; 3901 San Fernando Rd., Glendale 4, Calif.

KETT TOOL COMPANY, 5 East Third St., Cincinnati, Ohio—James E. Allen, Box 86, Pacific Palisades, Calif.

**KEWANEE BOILER CORP.**, Franklin St. and "Q" Tracks, Kewanee, Ill.—E. H. Langdon Co., 72 Vine St., Seattle 1; Sullivan Valve & Eng. Co., 2932 East Trent Ave., Spokane; Wm. S. Turner, 432 Pacific Bldg., Portland; R. M. Gunzel, 320 Crocker St., Los Angeles 18; J. O. Martin Co. Inc., 637 Minna St., San Francisco; Williams, Gritton & Wilde, 204 Dooly Bldg; Salt Lake; Harry H. Herman & Co., 1226 California St., Denver 4.

KEYSTONE CARBON CO., 1935 State St., St. Marysville, Pa.—Powdered Metal Products, 802 E. 61st St., Los Angeles 1. (See adv., page 63.)

**KEYSTONE ELECTRIC MFG. CO.**, 2228 E. Tioga St., Philadelphia, Pa.—Electrical Engr. & Sales Co., 2030 Texas St., El Paso; Galvin Sales Co., 1621 Main St., Dallas.

**KEYSTONE MFG. CO.**, 23328 Sherwood, Center Line, Mich.—Leo J. Sullivan, 5225 Wilshire Blvd., Los Angeles; Roberts Co., 504 Richmond, Houston, Distributors; General Elec. Supply Co., and Westinghouse Elec. Supply Corp., all principal cities.

**KIDDE CO., INC., WALTER**, Belleville, N. J.—District Office 4845 W. Exposition Blvd., Los Angeles 16. Sold through leading distributors in all principal cities.

**KILLARK ELECTRIC MFG. CO.**, 3940 Easton Ave., St. Louis 13, Mo. — Northwestern Agencies, Inc., 4130 First Ave. So., Seattle 4; F. M. Nicholas Co., 714 Harrison St., San Francisco; Kenneth Anderson Co., 412 Seaton St., Los Angeles 13; Kenneth B. Schumann, 814 12th St., Denver; George E. Anderson Co., 1901 Griffin St., Dallas 2.

**KIM MFG. CO.**, 3800 Canon Blvd., Altadena, Calif.

**KINDORF**, Div., Steel City Electric Co., 4060 Harlan St., Emeryville, Calif.—Hodges & Glomb, 1264 Folsom St., San Francisco; Murphy-Hain, 720 E. 2nd St., Los Angeles; Northwestern Agencies, 4130 First Ave. South, Seattle; Fred E. Staible & Sons, 2046 Arapahoe St., Denver; George E. Anderson Co., 1901 Griffin St., Dallas.

**KIRKLAND CO., THE H. R.**, 8-10 King St., Morristown, N. J.—Graybar Electric Co., General Electric Supply and Westinghouse Elec. Supply in all principal cities.

**KIRLIN CO.**, 3435 E. Jefferson, Detroit 7, Mich.—Dan Galvin, 1621 Main St., Dallas; Wm. Benndorf, 401 W. Jackson St., Phoenix; C. T. Bakeman, 445 Bryant St., San Francisco; A. C. Slater, 9011 15th Ave. N.E. Seattle; Wm. W. Bracken, 923 E. 3rd St., Los Angeles; Stanford P. Darger, 328 W. 2nd South, Salt Lake City.

**KIRKMAN-ENGINEERING CORP.**, 123 Mercer St., New York City—California-Arizona Sales Agency, 301 West G St., San Diego; Electrical Specialty Co., 316 11th St., San Francisco; 2406 First Ave. So., Seattle 1; 418 E. Third St., Los Angeles 13; 1015 21st St., Denver 2; George E. Anderson Co., 1903 Griffin, Dallas 2.

**KIRKWOOD COMMUTATOR CO.**, 1345 Carnegie Ave., Cleveland, Ohio—Insulation & Wires, Inc., in following cities: 2240 E. Washington Blvd., Los Angeles; 1077 Howard St., San Francisco; 1702 N. E. Sandy Blvd., Portland.

**KISCO CO. INC.**, 2400-40 DeKalb St., St. Louis, Mo.—Electri-Cal, 5455 Hollywood Blvd., Los Angeles 27; L. M. Baxter Co., 1220 S. W. Stark St., Portland; 1006 Lowman, Seattle; and 926 Natoma St., San Francisco.

**KITCHEN AID** Div. Hobart Mfg. Co., 651 Penn Ave., Troy, Ohio—D. E. Sanford Co., 12th and Howard Sts., San Francisco; 1931 Second Ave., N.E., Seattle 1; 1049 S. Hill St., Los Angeles; D. H. Sluman & Co., 7700 W. 13th Ave., Denver.

**KLIEGL BROS.** Univer. Elec. Stage Ltg. Co., Inc., 321 W. 50th St., New York City 19—Kliegl Lighting Co. of Calif., 1060 W. 6th St., Los Angeles 17.

**KLEIN & SONS, Mathias**, 3200 Belmont Ave., Chicago, Ill.—C. L. Woolsey, 1320 Opachee Way, Glendale, Calif.

**KNAPP-MONARCH CO.**, 3501 Bent Ave., St. Louis, Mo. — Branch Office: 502 Merchandise Mart Bldg., Los Angeles, Mr. Wm. B. Foster, Mgr., H. H. Levora, 1301 S. E. Chestnut St., Beaverton, Ore; Clair Wood, 1356 Pearl St., Denver; John Tsarnas, 120 Parnassus, San Francisco.

**KNOX PORCELAIN CORP.**, Knoxville, Tenn.—Bruce-Emmett Co., 1016 First Ave So., Seattle 4, and 830 S. E. Alder St., Portland; L. M. Baxter Co., 926 Natoma, San Francisco; Gus B. Valkus Co., 1711 Kelly St., Dallas; A. J. Nelson, 1629 Blake St., Denver.

**KOILED KORDS, INC.**, 1565 Dixwell Ave., New Haven 14, Conn.—Jewell-Summer Co., 407 Commercial Center, Beverly Hills, Calif., S. M. Sherman, Box 1362, Los Altos, Calif.

**KONDU CORPORATION**, 1040 West 12th, Erie, Pa.—F. D. Moran, P. O. Box 881, Denver; Bruce-Emmett Co., 830 S. E. Alder, Portland, and 131 First Ave. W., Seattle; A. B. Murphy, 228 9th St., San Francisco.

**KOPPERS COMPANY, INC.**, Metal Products Div., 200 Scott St., Baltimore, Md.—Oliver B. Lyman, 55 New Montgomery St., San Francisco 5; Schloss & Shubart, 1626 Wazee St., Denver 2; A. W. Anderson Co., 164 So. Central Ave., Los Angeles 12; Milwaukee Machinery Co., 1933 S. E. Union Ave., Portland 14; The Galigher Co., 545 W. 8th South St., Salt Lake City 4; Birger A. Guthe Co., 1214 E Anaheim St., Long Beach 13; Hatch Grinding Co., 818 Broadway, Denver.

**KORD MANUFACTURING CO., INC.**, 4510 White Pl. Rd., New York City—Bruce-Emmett Co., 830 S. E. Alder, Portland; McDonald & Shaw, Southland Hotel, Dallas.

**KORNS COMPANY, C. C.**, 350 Southmont Blvd., Johnstown, Pa.—Incandescent Supply Co., 647 Mission St., Graybar Electric Co., 1750 Alameda St., San Francisco; Gough Industries, 827 E. 1st St., Los Angeles.

**KORTICK MFG. CO.**, 345 First St., San Francisco 5, Calif.—Maydwell & Hartzell, Inc., 427 W. 5th St., Los Angeles 13; 1238 N. W. Glisan St., Portland 9; 306 Dexter Ave., Seattle 9; 814 Paulsen Bldg., Spokane; 210 West Adams St., Phoenix; Columbia Electric and Mfg. Co., Spokane; Nat'l Elec. Supply, 1402 Kamaile, Honolulu, T.H. (See adv., page 29.)

**KRYLON, INC.**, 2601 N. Broad, Philadelphia, Pa.—Leslie D. Morrison, 704 The Alameda, Berkeley 7, Calif.

**KUHLMAN ELECTRIC CO.**, 1000 26th St., Bay City, Mich.—Branch Office: 420 Market St., San Francisco; C. P. Crowley, 117 W. 9th St., Los Angeles; Shaffer & Nelson, 312 Occidental Ave., Seattle 4 and 824 Realty Bldg. Spokane; 1204 N.W. Glisan St., Portland; W. H. Eddy Elec. Prod. Inc., 957 E. Van Buren St., Phoenix and 213 Wellesley Dr. S.E., Albuquerque; Triangle Elec. Supply Co., Inc., 333 W. San Antonio, El Paso Sales Engineers Co., 1440 11th St., Denver 4 and 135 S. 3rd East St., Salt Lake City.


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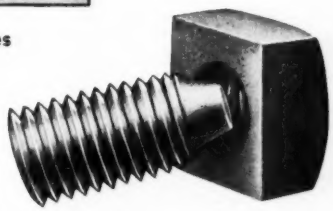

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**KURZ & ROOT CO., INC.**, 232 E. North Island, Appleton, Wis.—Branch Plant: Kurz & Root of Calif., 1500 E. Fourth St., Los Angeles 33.

**KWIKHEAT MFG. CO.**, 3732 San Fernando Road, Glendale, Calif.—Claude Michael Agency, 703 West Ivy, Glendale 4.

**KWIKON COMPANY**, 1850 W. Washington Blvd., Chicago, Ill.—J. J. Schaller & Co., 837 Traction Ave., Los Angeles; Electrical Industries, 1135 Harrison St., San Francisco; Slaybaugh-Thompson, 100 W. 13th St., Denver.

**KYLE CO.**, 9th and Marion Aves., South Milwaukee, Wis.—See Line Material Co.

**LADUBY CO., INC.**, 270 East Main St., Branford, Conn.—Keeler, White Co., 436 Colyton St., Los Angeles; 615 Seventh St., San Francisco; 322 N.W. Fourth Ave., Portland; 1041 Sixth Ave. So., Seattle.

**LAKE MFG. CO.**, 2323 Chestnut St., Oakland, Calif.—Hockensmith Sales, 1262 So. Boyle, Los Angeles; D. R. Roesch Co., 2200 So. Figueroa St., Los Angeles; F. A. Thomas Co., 47 Second St., San Francisco; Hawthorne Electronics, 700 S. E. Hawthorne Blvd., Portland 14; Selo Electric Co., 4318 Roosevelt Way, Seattle; Western Sound & Equip., 264 E. 1st So., Salt Lake City. KT-Electronics, 1501 American Ave., Long Beach; Electrosonic Eng. Co., 727 N. La Brea Ave., Los Angeles.

**LAKE SHORE ELECTRIC MFG. CO.**, 2398 Woodlawn Ave., Cleveland, Ohio—Schueler & Weston, 923 E. 3rd St., Los Angeles.

**LAMSON CORPORATION,** Billmyre Blower Div., 900 Lamson St., Syracuse, N. Y.—Branch Offices: 555 Bryant St., San Francisco 7; 306 E Washington Blvd., Los Angeles; 104 Eastlake, Seattle 9.

**LANDERS, FRARY & CLARK,** 47 Center St., New Britain, Conn. —Branch Offices: 1265 Folsom St., San Francisco; 1206 S. Maple St., Los Angeles; H. Foss, Box 508, Seattle.

**LANG MFG. CO., F. S.,** 2754 First Ave., So., Seattle, Wash.—Nat'l Restaurant Supply, 1000 4th Ave. So., Seattle and 1039 N. W. Glison St., Portland; Northwest Hotel Supply Co., 313 2nd Ave., Seattle, 427 S. W. 13th Ave., Portland; Kalberer Hotel Supply, N. W. 5th & Flanders, Portland; National Equip Co., 942 Mission St., San Francisco; Intermountain Food Equip., Box 1037, Boise, Idaho.

**LANLY COMPANY,** 752 Prospect Ave., Cleveland 15, Ohio—Pacific Scientific Co., 25 Stillman St., San Francisco, 1430 Grande Vista Ave., Los Angeles 23, 1915 1st Ave. South, Seattle, Terminal Sales Bldg., Portland 5.

**LAPP INSULATOR CO. INC.,** LeRoy, N. Y.—Earl S. Condon Co., 754 Chamber of Commerce Bldg., Los Angeles; C. E. Ingalls & Sons, 541 Monadnock Bldg., San Francisco; Charles F. James, 615 Lloyd Bldg., Seattle; Riter Eng. Co., Kearns Bldg., 314 Kearns Blvd., Salt Lake City; R. E. McDonough Co., 726 S. Arizona St., Butte, Mont.

**LARKIN LECTRO PRODUCTS CORP.,** Pine Bluff, Ark—(See Central Transformer Corp.).

**LaSALLE PRODUCTS, INC.,** 143 Seneca St., Buffalo, N. Y.—Wm. Benndorf, 401 W. Jackson St., Phoenix; Peyser & Co., 1501 N. Weber St., Colorado Springs, Colo.; B. T. Heinz, Dexter Horton Bldg., Seattle; Wm. H. Fuller, 1038 Palm Ave., Whittier, Calif.

**LAU BLOWER CO.,** 2001 Home Ave., Dayton, Ohio—J. O. Kilian, 2311 Midvale Ave., West Los Angeles.

**THOMAS LAUGHLIN CO.,** 143 Fore St., Portland, Maine—Norman S. Wright Co., in following cities: 2779 Folsom St., San Francisco 10; 625 N. Alvarado, Los Angeles 26; 1932 S. W. Water St., Portland 1; 233 Ninth Ave. North, Seattle 9; 112 W. Jackson St., Phoenix, Ariz.; Paul R. Spencer & Co., 4000 York St., Denver 5 and 404 Dooly Bldg., Salt Lake City 1.

**LEACH COMPANY,** 412 So. Main St., Oshkosh, Wis. — Graybar Electric Co., General Electric Supply and Westinghouse Electric Supply in all principal cities.

**LEACH RELAY CO.,** 5915 Avalon Blvd., Los Angeles, Calif.—Herman Held, 420 Market St., San Francisco; James M. Walthew, P. O. Box 15, Boeing Field, Seattle; A. J. Nelson, P. O. Box 2244, Denver.

**LEADER ELECTRIC CO.,** 3500 N. Kedzie Ave., Chicago 18, Ill.—Branch Office: 800 100th Ave., Oakland, Calif. Distributors: Black and Lem, 4806 Santa Monica Blvd., Los Angeles; W. W. Wheat & Son, 560 First Ave., Seattle; D. C. McCabe, Park Hotel, Great Falls, Mont.; John Healy, 708 Nesbit, Dallas.

**LEADER LAMP MFG. CO.,** 476 Broome St., New York City—Fred J. Stone, 1355 Market St., San Francisco; Joe Blonder, 2617 N. E. 14 Ave., Portland.

**LEAR, INCORPORATED,** 110 Ionia Ave. N. W., Grand Rapids 2, Mich.—Learcal Division, 11916 W. Pico Blvd., Los Angeles. Branch in Seattle, Wash.

**LECKENBY STRUCTURAL STEEL CO.,** 2745 11th Ave. S. W., Seattle, Wash.—W. A. Murray, W. 1835 Broadway, Spokane, Wash.; Clarence Johns, Public Service Bldg., Portland.

**LECTROHM, INC.,** 5560 N. West Highway, Chicago, Ill.—George S. Tivy, 1148 S. Grand Ave., Los Angeles.

**LECTRO SPEED CO.,** 12005 N. Burgard St., Portland, Ore.

**LEE ELECTRIC CO.,** 11th and Viand Sts., Point Pleasant, West Va.—A. B. Murphy Co., 228 9th St., San Francisco; John Mitchell, 821 N. W. Flanders St., Portland; D. H. Sluman & Co., 130 W. 12th, Denver; Herbert Sierk & Co., 2705 Canton St., Dallas.

**LEECE-NEVILLE CO.,** 5109 Hamilton Ave., Cleveland 14, Ohio —E. W. McConnell, 1611 So. Hope, Los Angeles 15.

**LEEDS NORTHRUP COMPANY,** 4970 Stenton Ave., Philadelphia, Pa.—Branch Offices: 1095 Market St., San Francisco 3, and 5111 Via Corona Ave., Los Angeles 22, 603 Stewart St., Seattle.

**LEESON STEEL PRODUCTS, INC.,** 666 No. Lake Shore Drive, Chicago, Ill.—O. B. Wilt, 1355 Market St., San Francisco; Lakin-Meyers, 50 Otis St., San Francisco; J. E. Gray, Denver

**LELAND ELECTRIC CO.,** 1501 Webster St., Dayton 1, Ohio—J. F. Cady, 995 Market St., Rm. 310, San Francisco 3; F. Y. Gates, 200 South Main St., Salt Lake City 1; Engineering Sales Co., 411 So. Wall St., Los Angeles 13; Hubert Kaub, 1025 Santa Fe Drive, Denver 4.

**LELAND, INC.,** G. H., 123 Webster St., Dayton 2, Ohio—Paul E. Leland, 2050 W. Florence Ave., Los Angeles 47.

**THE LENK MFG. CO.,** 30 Cummington St., Boston 15, Mass.—Harry Marshall, 104 Olive St., San Francisco; George Forge, 920 N. 75th St., Seattle 3; Edward Lackner, 680 Bellaire, Denver.

**LENKURT ELECTRIC SALES CO. INC.,** 1105 County Road, San Carlos, Calif.—Paul F. Wiley, 1406 S. Grand Ave., Los Angeles 15; Samuel N. Stroum Co., 1612 Broadway, Seattle 22.

**LENZ ELECTRIC MFG. CO.,** 1751 N. Western Ave., Chicago, Ill.—H. H. Van Luven, 120 S. Hewitt St., Los Angeles 3; Logan Sales, 530 Gough St., San Francisco.

**LEONARD ELECTRIC MFG. CO.,** 3907 Perkins Ave, Cleveland, Ohio—Kirk-Palka Co., 415 Wall St., Los Angeles and 420 Market St., San Francisco; F. W. Carlson, 2307 5th Ave., Seattle and 319 S.W. Washington, Portland 9.

**LESLIE CO.,** Lyndhurst, N. J.—Claude B. Smith Co., 200 Davis St., San Francisco.

**LEVITON MFG. CO.,** 236 Greenpoint Ave., Brooklyn, N. Y.—J. Driscoll, 2166 Market St., San Francisco and J. M. Cavanaugh, 1132 N.W. Glisan, Portland 9.

**LEW ELECTRIC FITTINGS CO.,** 627 W. Lake St., Chicago, Ill.—Floyd L. Guenther, 2216 First Ave., Seattle 1; F. J. Airey Co., 1513 S. Mateo St., Los Angeles 21; L. M. Baxter Co., 926 Natoma St., San Francisco 3; Electric Sales Corp., 212 Broadway, Denver 9.

**LEWIS ENGINEERING & MFG. CO.,** 1255 S. Mahoning Ave., Alliance, Ohio—Charles E. Black Co., 444 Dexter-Horton Bldg., Seattle 4; Gene P. Wolter, 3350½ Glendale Blvd., Los Angeles 39.

**LEWIS ENGINEERING CO.,** Maple & Rubber Sts., Naugatuck, Conn. —Pacific Scientific Co., 25 Stillman St., San Francisco, 1430 Grande Vista Ave., Los Angeles, Terminal Sales Bldg., Portland and 1915 1st Avenue South, Seattle.

**LEWYT CORPORATION,** 60 Broadway, Brooklyn 11, N. Y.—Frank Edwards Co., Inc., 382 6th St., San Francisco; Sues, Young & Brown, Inc., 3636 S. Bronson Ave., Los Angeles; F. B. Connelly Co., 905 N. W. 12th Ave., Portland, and 1015 Republican St., Seattle; Inland Empire Wholesalers, 110 So. Wall St., Spokane; W. H. Bintz Co., 433 W. Third South, Seattle; Northwestern Auto Supply, 420 N. Broadway, Billings, Mont.; Western Appliance Corp., 201 So. Cherokee, Denver; Albert Mathias & Co. Inc., 113 So. Mesa, El Paso and 305 So. 2nd Ave., Phoenix; Straus-Bodenheimer, 1513 Prairie, Houston; Medaris Co. Inc., 1202 Dragon St., Dallas; Distributors Inc., 451 2nd Ave., San Diego.

**LEXINGTON ELECTRIC PRODUCTS CO., INC.,** 12 Chapel St., Newark 5, N. J.—Charles E. Klaus, 1004 S.E. Belmont St., Portland 14; Muth-Richards Co., 2605 Western Ave., Seattle; Campbell & George Co., 379 Brannan St., San Francisco; Hundley Co., 3532 Fletcher Dr., Los Angeles 65.

**LIBERTY BELL MFG. CO.,** Minerva, Ohio—Northwest Sales Co., 1603 N.W. Johnson, Portland; A. Allen Smith, 1513 Mateo St., Los Angeles; B & W Sales Co., 501 Wadsworth Ave., Denver; Thos. D. Noble Co., 210 12th St., San Francisco.

**LIBERTY MACHINE & POLE LINE CO.,** 244 Napoleon St., San Francisco, Calif.

**LIGHTING, INCORPORATED,** 1834 So. Figueroa St., Los Angeles, Calif.—J. E. Granniss, 926 Natoma St., San Francisco; Cobb Lighting & Fixtures, 432 Yale Ave. North, Seattle; Sales 'N Service, Inc., P. O. Box 834, Salt Lake City; The Southwestern Co., 730 Security Bldg., Phoenix.

**LIGHTING PRODUCTS, INC.,** Highland Park, Ill. — James Mundstock, 320 Market St., San Francisco; E. A. Ryan, 135 N. W. Park, Portland; Fred E. Staible & Sons, 2046 Arapahoe, Denver; Wm. Proby & Associates, 817½ N. 5th Ave., Seattle; Carl Mann, 121 So. Madison, Spokane; Electri-Cal, 5455 Hollywood Blvd., Los Angeles.

**LIGHTOLIER, INC.,** 346 Claremont Ave., Jersey City, N. J.—Branch Office, 1585 Folsom St., San Francisco, Calif. Sold thru electrical distributors.

**LINCOLN ELECTRIC CO.,** 22801 St. Clair Ave., Cleveland, Ohio—Branch Offices: 1303 Stanford Ave., Emeryville, Calif.; 1500 Calzona St., Los Angeles; 135 E. Rose Lane, Phoenix; 660 No. Thompson St., Portland; 1914 Utah Ave., Seattle; Johnson Supply Co., 1414 Wazee St., Denver; Great Northern Tool & Supply, P. O. Box 957, Billings, Mont.; Industrial Supply Co., 121 Motor Ave., Salt Lake City.

**LINCOLN LIGHTING PRODUCTS, INC.,** 311 N. Desplaines St., Chicago, Ill—Panama Lamp & Commercial Co., 325 9th St., San Francisco; 326 So. San Pedro, Los Angeles; 568 1st Ave. So., Seattle.

**LINDBERG ENGINEERING CO.,** 2450 W. Hubbard St., Chicago, Ill.—Branch Offices: 2460 Enterprise St., Los Angeles 21 and 2166 Market St., San Francisco; Blair Engineering Co., Denver 5; Western Factors Co., 2743 4th Ave. South, Seattle 4.

**LINDEMANN & HOVERSON CO.,** A. J., 601 West Cleveland Ave., Milwaukee, Wis.—A. L. Lindemann, 137 No. Citrus Ave., Los Angeles 36; Glen A. Erbes, Rte. 1, Stanwood, Wash.; Lavenson and Savasta, 586 6th St., San Francisco 3; Harry L. Shane, Inc., 3430 S. Hill St., Los Angeles; Robinson Dist. Corp., 3129 Western Ave., Seattle 1; Robert L. Rice & Co., 231 E. Burnside St., Portland 14; S. R. Ross, Inc., 1212 South State St., Salt Lake City; Taylor Dist. Co., East 206 Augusta, Spokane 13; Triangle Elec. Supply Co., 333 W. San Antonio St., El Paso; J. Korber & Co., P.O. Box 486, Albuquerque.

**LINE MATERIAL COMPANY** (Div., McGraw Electric Co.), 700 West Michigan, Milwaukee 1, Wis.—Branch Office: Paul K. Churchill, West Coast Div. Mgr., 916 East 3rd St., Los Angeles and 101 Williams St., San Francisco, Field Engineers; P. E. Brackett, Los Angeles, and W. P. Ogilvie and Robert Vernon, Los Angeles; W. T. Neikirk and Edward Keogh, San Francisco; B. V. Kunde, Street and Airport Lighting Engineer, Los Angeles. W. F. Smith, Mountain States Division Manager, Spokane. Field Engineers: Arnold McLaren and C. B. Hazard, Portland; R. A. Balch, Butte; Paul B. Holden, Spokane; E. T. Hall, Salt Lake City; W. G. Gestland, Denver; R. L. Lemman, Apparatus Engineer, Portland. Agents: J. E. Redmond Supply Co., Phoenix; Pacific Lamp and Supply Co., Seattle; Tinling and Powell, Spokane; Osborne and Dermody, Inc., Reno, Nev.

**LINEMASTER SWITCH CORP.,** Woodstock, Conn.—M. A. Stolaroff, 4614 Northridge Dr., Los Angeles.

**LINT, CLYDE W.,** 1144 W. Washington Blvd., Chicago, Ill.—W. G. Gordon, 2216 1st Ave., Seattle 1; Ellarr Sales Agency, 2695 Newland St., Denver, and 512 W. Granite, Albuquerque; Agencies Co., 125 So. Santa Fe Ave., Los Angeles; L. M. Baxter Co., 926 Natoma St., San Francisco.

**LIPMAN REFRIGERATOR,** Beloit, Ill—Strange & Lagos, 3010 E. Olympic Blvd., Los Angeles 23; O. O. Taylor & Sons, 785 Market St., San Francisco; K. D. Mfg. Co., 304 S. Rock Island St., Dallas.

**LITECONTROL CORPORATION,** 36 Pleasant St., Watertown, Mass.—Al C. Slater & Associates, 9011 15th Ave., N.E., Seattle.

**LITECOR, INC.,** 2985 Cropsey Ave., Brooklyn 14, N. Y.—Frank H. Bran Co., 607 E. 6th St., Los Angeles.

**LITECRAFT MFG. CORP.,** 790 Wythe Ave., Brooklyn 11, N. Y. Western Branch Office: Gruen Lighting Corp., 8336 W. 3rd St., Los Angeles 48; Oscar Hogenson, 95 Connecticut, Seattle; F. H. Adams, El Paso; Wm. Aston & George Drew, Rialto Bldg., San Francisco; Elec. Eng. & Sales Corp., 2030 Texas St., El Paso.

**LITTELFUSE, INC.,** 1865 Miner St., Des Plaines, Ill.—Ash M. Wood, P. O. Box 150, El Monte, Calif.; R. R. Petri, 1423 So. Hill, Los Angeles 15.

**LLOYD PRODUCTS CO.,** 225 Chapman St., Providence 5, R. I. —The Sanderlin Co., 201 S.E. Washington St., Portland, and 129 First Ave. W., Seattle; D. A. Steinkamp Co., 2400 Gaylord St., Denver; The McLoughlin Co., Box 3255 Terminal Annex, Los Angeles.

**LOCKE,** Dept. of General Electric Co., P.O. Box 57, Baltimore, Md. —T. E. Traugott, Regional Mgr., 1229 Burlingame Ave., Burlingame, Calif. — Through General Electric Supply Corp., all principal cities.

**LOCUST PIN CO., INC., Front Royal, Virginia — Maydwell & Hartzell, Inc., in following cities: 158 Eleventh St., San Francisco 3; 427 W. 5th St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; 306 Dexter Ave., Seattle 9; 814 Paulsen Bldg., Spokane; 210 W. Adams St., Phoenix.**

LOGANSPORT MACHINE CO. INC., 40 Payson Road, Logansport, Ind.—J. C. Fletcher, 1415 Folsom St., San Francisco; Frank C. Schumann, 423 First Trust Bldg., Pasadena.

**LOVELL MFG. CO., 1303 French St., Erie, Pa.—Electrical Appliance Service Corp., 726 W. Venice Blvd., Los Angeles; 1434 Howard St., San Francisco, and 302 17th St., Denver; W. L. May Co., 215 N.W. Park Ave., Portland; Appliance Parts & Service Co., 216 Stewart St., Seattle, and 609 W. Trent Ave., Spokane; Apex Sales & Service Co., 171 E. Broadway, Salt Lake City; Geo. S. Conley, 731 15th St., Denver; Ray Jones, 376 S. Broadway, Denver.**

LUCKY MFG. CORP., 18 Ames St., Cambridge 42, Mass.—J. H. Kay, 4807 Beverly Blvd., Los Angeles.

LUMA ELECTRIC EQUIPMENT CO., 1112 Dorr St., Toledo, Ohio—Garrett Supply, 3844 Santa Fe Ave., Los Angeles.

**LUMIDOR MFG. CO., INC., 4801 E. 50th St., Los Angeles, Calif.—Reuben E. Lagerstrom, 2739 Tenth Ave., Oakland 6, and 420 Market St., San Francisco; A. Walt Runglin Co., 1840 S.E. Cypress, Beaverton, Ore., and 3044 Market St., Seattle.**

**LUMENITE ELECTRONIC CO.,** 407 S. Dearborn St., Chicago 5, Ill.—Jensen Instrument Co., 1919 W. Beverly Blvd., Los Angeles and 420 Market St., San Francisco; Duncan Equipment Co., 506 Broadway, Seattle.

LUMINOUS CEILINGS, INC., 2500 West North Ave., Chicago 47, Ill. —Reuben E. Lagerstrom, 420 Market St., San Francisco and 2739 Tenth Ave., Oakland; Al Slater, 9011 15th Ave. N.E., Seattle; Milton Levkowitz, 4158 E. Hawthorne, Tucson; Joe E. Pearce, P.O. Box 796, Albuquerque; Robert R. Wolney, 1069 Monroe St., Denver; The Lightrend Co., 9011 Beverly Blvd., Los Angeles 48. (See ad, p. 31.)

LUSTRA CORP. OF AMERICA, 36 Washington St., Brooklyn 1, New York—Victor N. Wadland, 1851 Louvaine Dr., Colma, Calif.; Glen W. Palmer, 2132 N. Brighton St., Burbank, Calif.; Glen H. Scott, 2471 N.E. 51, Portland; F. S. Killius, 312 W. Montecito Ave., Phoenix; George W. Vernon, 3536 E. Kathryn, Albuquerque.

**LUX CLOCK MFG. CO., INC., 95 Johnson St., Waterbury, Conn.—Wm. Hersey, 5106 Ameston Blvd., Encino, Calif.**

**LYNCH CARRIER SYSTEMS, INC., 96 Jessie St., San Francisco 5, Calif.—Graybar Electric Co., Inc. All Cities.**

**LYON METAL PRODUCTS, INC., Aurora, Ill.—Branch Offices: 3650 Union Pacific Ave., Los Angeles 23; 870 Market St., San Francisco 2; 1755 Utah Ave., Seattle 4; 2546 N. Farragut, Portland 11; 1314 Wood St., Dallas 1; P.O. Box 1896, Oakland; P.O. Box 2702, San Diego; P.O. Box 1225, Spokane.**

McCABE POWERS AUTO BODY CO., 5900 North Broadway, St. Louis, Mo.—A. J. Macho, Western Regional Mgr., 428 Latham Square Bldg., Oakland; Utility Body Co., 1530 Wood St., Oakland; The Win Ward Co., 962 Price St., Pomona, Calif.; Utility Trailer & Equip. Co., 3400 Sixth Ave. South, Seattle 4; Pacific Body Builders, Inc., 1812 Northeast Grand, Portland; Winter-Weiss Co., 2201 Blake St., Denver 2.

**McCALL'S DESERT-AIR LAMPS, 5449 Sunset Blvd., Los Angeles, Calif. — Sold through appliance, department and drug stores in all principal cities.**

McCOLPIN-CHRISTIE CORP., 3410 W. 67th St., Los Angeles—R. E. Sanderson, 293 26th St., Oakland, Calif.

**McCORMICK & BAXTER CREOSOTING CO., Board of Trade Building, Portland, Ore.—Branch Offices: 485 California St., San Francisco; 6214 W. Manchester Ave., Los Angeles.**

**McCULLOCH MOTORS CORP., 6101 W. Century Blvd., Los Angeles, Calif. — Kellogg Co., 1099 Folsom St., San Francisco; Tri-State Equip. Co., Inc., 131 Kalamath St., Denver; Northwest Loggers Supply, 310 S.E. Stephens St., Portland; Pacific Equip., Inc., 1001 Jackson St., Seattle; Far West Equip., 2117 No. Division St.., Spokane; Foster Power Saw Co., 4190 Highway 99, So., Eugene; So. Oregon Equip., 3540 No. Pacific Highway, Medford; McCulloch Chain Saw Sales and Service, Highway 99 No., Roseburg and Coos Bay, Ore.; Bend Chain Saw Service, Bend, Ore.; Riley Logging Supply, Eureka, Calif.; Leavitt Power Tool Co., 2305 J St., Sacramento, Calif.; Cascade Power Tool Co., 1403 Fruitvale Ave., Yakima, Wash.**

**McFARLAND CO., L. D., Box 390, Sandpoint, Idaho—Branch Office: Milwaukee, Ore.**

**McGILL MFG. CO., INC., Valparaiso, Ind.—George A. Gray Co., 2720 17th St., San Francisco 10; J. G. Pomeroy Co., 1004 E. 4th St., Los Angeles 13; Frank A. Strohecker, 2207 1st Ave. Sa., Seattle 4.**

**McGRAW ELECTRIC COMPANY, Clark Division, 5201 West 65th St. Chicago, Ill.—J. G. Goodrich, 01537 S.W. Comus, Portland; C. L. Heck, 260 Euclid Ave., Long Beach, Calif.; C. A. Russell, 1355 Market St., San Francisco. Sold through leading electrical distributors.**

McGRAW ELECTRIC CO., Elgin, Ill. — Toastmaster Products Div. Tropic-Aire and Manning Bowman Div.)—K. E. Campbell, Div. Mgr., 4226 Noble Ave., Sherman Oaks, Calif.; B. S. Green, 5143 Village Green, Los Angeles 16; J. C. Graham, 1023 Harvard St., Santa Monica; F. E. Cross, 10230 Marsh Lane, Dallas; W. H. Smith, RFD 1, Box 202-C, Danville, Calif.; W. P. Moore, 6026 44th Ave. N.E., Seattle R. W. Mohr, 2341 Olive St., Denver.

**McKINLEY MOCKENHAUPT CO., 626 West Jackson Blvd., Chicago 6, Ill.—H. S. Jones, 627 Rialto Bldg., San Francisco; R. Meussdorffer, 1315 E. 7th St., Los Angeles; R. C. Brinkley, 1008 Western Ave., Seattle; Reitz Sales, 1324 Bellaire, Denver.**

MB MFG CO. INC., 1100 State St., New Haven 11, Conn. — Pacific Scientific Co., 25 Stillman St., San Francisco 7, 1430 Grande Vista Ave., Los Angeles 23, 1915 1st Ave. South, Seattle 4, Terminal Sales Bldg., Portland 5

**M & W Electric Mfg. Co., S. Walnut St., East Palestine, Ohio—Northwestern Agencies, Inc., 4130 First Ave. S., Seattle 4; The Darger Co., 327 W. 2nd So. St., Salt Lake City.**

**MacARTHUR PRODUCTS, INC.,** 34 Front St., Indian Orchard, Mass. — Continental Vogue Luggage Co., 585 Howard St., San Francisco.

**MACALLEN CO., 61 Macallen St., Boston 27, Mass.—C. D. La Moree, 2221 Fourth St., Berkeley; 1325 San Julian St., Los Angeles 15; 317 N.W. Broadway, Portland; 166 Jackson, Seattle.**

**MacBETH CORPORATION, Cochecton Turnpike, Newburgh, N. Y.—Laboratory Equip. Co., 118 11th St., San Francisco; Mole-Richardson, 937 N. Sycamore Ave., Hollywood 38, and J. B. MacAlister Co., 1117 N. McCadden Pl., Hollywood; Braun-Knecht-Heimann Co., 1400 16th St., San Francisco; Denver Fire Clay Co., P. O. Box 5510, Denver 17; Scientific Supplies Co., 122 Jackson St., Seattle; Photo Research Corp., 127 W. Alameda Ave., Burbank, Calif.**

MACK ELECTRIC DEVICES, INC., 34 Glenside Ave., Wyncote, Pa.—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles 16; 988 Market St., San Francisco, and 909 N. 1st St., Phoenix.

**MAGNAVOX, Bueter Road, Fort Wayne, Ind.—L. H. Bushnell, and E. N. Lucas, 1355 Market St., San Francisco; Elwood Reeves, Tom P. Garvin, and J. P. Bauer, 2424 E. 8th St., Los Angeles 13; R. E. Cederoth, 6224 S. E. 31st Ave., Portland.**


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**MAGNETROL, INC., 2110 S. Marshall Blvd., Chicago 23, Ill.—Berkley Eng. & Equipment Co., 2417 Riverside Dr., Los Angeles and Phoenix; Johnson Eng. Co., 534 20th St., Oakland; Merrill N. Musgrave & Co., 2019 3rd Ave., Seattle 1, and 424 Hutton Bldg., Spokane; Landes, Zachary & Peterson, 2500 W. 7th Ave., Denver, 1003 Roma Ave. N.E., Albuquerque, 512 Judge Bldg., Salt Lake City, 312 E. Missouri St., El Paso.**

MAGNI-LITE, INC., 38 N. 2nd Ave., Mt. Vernon, N. Y.—J. R. Penning, 2323 2nd Ave., Seattle 1. **Electri-Cal, 5455 Hollywood Blvd., Los Angeles; Wm. Renndorf Co., P.O. Box 1926, Phoenix; Stevens Sales Co., P.O. Box 2338, Salt Lake City.**

**MAJESTIC MFG. CO.,** 4550 Gustine Ave., St. Louis, Mo.—Washington Stove Works, Everett, Wash.

**MAJESTIC RADIO & TELEVISION, Div. of Wilcox-Gay Corp., 70 Washington St., Brooklyn 1, N. Y.—Branch Office: 2772 W. Olympic Blvd., Los Angeles; F. B. Connelly Co., 905 N.W. 12th Ave., Portland and 1015 Republic St., Seattle.**

**MAKOMB STEEL PROD. CO., 403 N. Dudley, Macomb, Ill.—Chas. H. Lilly Co., Spokane; Monroe Dairy Machinery, Inc., Boise; Duthin** Seed Co., Lewiston; Cascade Supply Co., Portland; Polson Impl. Co., Seattle.

**MAJOR EQUIPMENT CO., 4603 W. Fullerton Ave., Chicago, Ill.—E. B. Cook Co., 1063 Howard St.,** San Francisco; Wm. Benndorf, 401 W. Jackson, Phoenix.

**MALLORY & CO., INC., P. R., 3029 E. Washington, Indianapolis, Ind.—Branch Office: C. M. Gutheil, Dist. Mgr., 1338 S. Lorena St., Los Angeles 23; Hodges & Glomb, 1264 Folsom St., San Francisco; Don H. Burcham, 917 S.W. Oak St., Portland; A. T. Nelson, P. O. Box 5502, Denver.**

**MALLEABLE IRON FITTINGS CO., Branford, Conn.—Wm. J. Cottrell Co., 11341 S.W. Pacific Highway, Portland 19; Industrial Engineering & Equipment Corp., 720 Subway Terminal Bldg., Los Angeles 13; Waltham, DeWitt & Krusi, 630 Monadnock Bldg., San Francisco 5. (See ad., p. 33.)**

**MANNING, BOWMAN DIV., McGraw Electric Co., Elgin, Ill.—K. E. Campbell, 316 E. Third St.,** Los Angeles. (See McGraw Elec. Co.)

**MANNING PAPER CO., INC., JOHN A., Troy, N. Y.—Insulation & Wires, Inc., in following cities: 2240 E. Washington Blvd., Los Angeles; 1077 Howard St., San Francisco, and 1702 N.E. Sandy Blvd., Portland.**

**MARATHON ELECTRIC MFG. CORP., Randolph & Cherry, Wausau, Wis.—Branch Office: 512 1st Ave. S., Seattle; Westco Pump Sales Co., 2315 E. 8th St., Los Angeles, and 560 Seventh St., San Francisco; H. H. Van Luven, 120 S. Hewitt, Los Angeles.**

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MARION ELEC'L MFG. CO., 24 Cliff St., Jersey City, N. J.—J. J. Perlmuth-Colman & Associates, 942 Maple Ave., Los Angeles; 420 Market St., San Francisco; George D. Norris, 2601 Second Ave., Seattle 1.

MARION ELECTRICAL INSTRUMENT CO., 400 Canal St., Manchester, N. H.—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles 16, 909 N. First, Phoenix, 988 Market St., San Francisco; Samuel Stroum, 1612 Broadway, Seattle.

MARKEL ELECTRIC PRODUCTS, INC., 145 Seneca St., Buffalo, N. Y.—O. W. Coombs, 1026 S. Olive St., Los Angeles 15; Wm. Benndorf, P. O. Box 1926, Phoenix; Pacific Electric Sales Co., 140 S.E. 28 Ave., Portland 14.

MARKSTONE MFG. CO., 2460 West George St., Chicago, Ill.—C. J. Gratiot & Sons, 1282 Folsom St., San Francisco and Roy F. Gratiot Co., 525 Crocker St., Los Angeles.

MARLEY COMPANY, INC., 222 W. Gregory Blvd., Kansas City 5, Mo.—Branch Offices: 810 S. Spring St., Los Angeles 14; Box 1072, Houston, and 420 Market St., San Francisco.

MARMON-HERRINGTON COMPANY, 1511 W. Washington St., Indianapolis, Ind.—Branch Office: 266 Lenox Ave., Oakland, Calif., Mr. Paul Bliss, District Manager. Sold through leading distributors.

MARTIN DECKER CORP., 3441 Cherry Ave., Long Beach, Calif.

MARTIN ELECTRIC PRODUCTS, INC., 346 Somerville Ave., Somerville, Mass.—Black & Lem, 4806 Santa Monica Blvd., Los Angeles; H. B. Squires Co., 156 8th St., San Francisco, Peabody Brothers, 3015 Taylor St., Dallas.

MARTIN & SONS, H. P., 801 W. 12th St., Owensboro, Ky.—General Electric Supply, Westinghouse Electric Supply and Graybar Electric Co., Inc., all principal cities.

MARTINDALE ELECTRIC CO., Box 617 Edgewater Beach, Cleveland, Ohio—Fletcher Elec'l Specialty Co., 4150 So. Main St., Los Angeles 37.

MARVEL FLUORESCENT MFG. CO., 1401 Clinton St., Hoboken, N. J.—Panama Lamp & Commercial Co., 325 9th St., San Francisco; 326 S. San Pedro, Los Angeles; 568 1st Ave. So., Seattle.

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MASSEY INC., A. H., 200 Longbrook Ave., Stratford, Conn.—Eckert Lloyd Co., 144 Townsend St., San Francisco, 2115 S. San Pedro, Los Angeles.

MASTER APPLIANCE MFG. CO., Bridge and Ontario Sts., Racine, Wis.—Peyser & Co., Colorado Springs, Colo.; E. C. Beasley Associates, 1025 Santa Fe Bldg., Unit No. 2, Dallas; Chas. G. Spilo, 212 W. Olympic Blvd., Los Angeles 15.

MASTER ELECTRIC CO., 126 Davis Ave., Dayton 1, Ohio—Branch Offices: 270 7th St., San Francisco 3; 2031 Santa Fe Ave., Los Angeles 21; 74 West 4th South, Salt Lake City; 5545 North Kay Drive, Phoenix; Harry F. Ream Sales Agency, 1028 Champa St., Denver 4; Star Machinery Co., 801 S.W. Front Ave., Portland 4.

MASTER VIBRATOR CO., 108 Davis, Dayton, Ohio—State Tractor & Equipment Co., 407 S. 17th Ave., Phoenix, Arizona, and 3525 East Speedway, Tucson, Arizona; C. P. Concrete Equipment Co., 626 S. Isis, Inglewood, California, and 1100 Sixth Avenue, Oakland, California; Power Equipment Co., 3440 Brighton Blvd., Denver, Colorado; Andrews Equipment Service of Washington, Inc., 126 S. Walnut St., Spokane, Washington; Western Equipment Co., 4009 Fairview Ave., Boise, Idaho, and P. O. Box 96, Idaho Falls, Idaho; Western Construction Equipment Co., 505 North 24th St., Billings, Montana, and Stephens & Mount Avenue, Missoula, Montana; Foulger Equipment Co., 1361 S. 2nd West, Salt Lake City, Utah; Sierra Machinery Co., 307 Morrill Avenue, Reno, Nevada; R. L. Harrison Co., Inc., 1801 N. 4th St., Albuquerque, New Mexico; Nelson Equipment Co., 5251 S. E. McLoughlin Blvd., Portland, and 3706 Airport Way, Seattle.

MATTHEWS CORP., W. N., 3850 Delor, St. Louis 16, Mo.—Western representatives: Waltham, DeWitt & Krusi, 630 Monadnock Bldg., San Francisco; Industrial Engineering & Equipment Corp., 417 S. Hill St., Los Angeles; R. F. Hamilton & Associates, 1236 Elati, Denver; Fred S. Baldwin, 4949 Stanford, Seattle. (See adv., p. 32.)

MATTOX MACHINE CO., 11915 E. Bonwood Rd., El Monte, Calif.—Gough Industries, Inc., 819 E. 1st St., Los Angeles 54; Electrical Contractors Supply, 4701 W. Jefferson Blvd., Los Angeles 16; Panama Lamp & Com'l Co., 326 So. San Pedro St., Los Angeles; 325 9th St., San Francisco 3, and 568 1st Ave. So., Seattle 22; Gilbert Bros., 826 S.W. 2nd Ave., Portland 4.

MAXSON CORP., THE W. L., Unimax Switch Div., 460 W. 34th St., New York City 1, N.Y.—Don H. Burcham Co., 917 S. W. Oak St., Portland 5; W. Clif McLoud & Co., 5528 E. Colfax Ave., Denver; Nickerson & Rudat, 383 Brannan St., San Francisco; M. A. Stolaroff, 4614 Northridge Dr., Los Angeles; Southwestern Eng. & Equip., 3906 Lemmon Ave., Dallas.

MAYTAG CO., Newton, Iowa—Maytag West Coast Co., 1225 W. 9th St., Los Angeles; Maytag Northwest Co., 1136 N.W. Hoyt, Portland; Maytag Rocky Mountain Co., P. O. Box 1579, Colorado Springs, Colo.; Maytag Southwestern Co., 111 Leslie St., Dallas; Maytag West Coast Co., 51 Webster St., Oakland 7, Calif.

MEAKER CO., 1629 S. 55th Ave., Chicago, Ill.—E. A. Wilcox Co., 277 7th St., San Francisco, 3, 406 S. Main St., Los Angeles 13 and Artic Bldg., Seattle 4.

MECK INDUSTRIES, INC., JOHN, Liberty & Pennsylvania Sts., Plymouth, Ind.— Detsch & Co., 341 10th St., San Francisco.

MEDART PRODUCTS CO. INC., FRED, 3548 DeKalb St., St. Louis 18, Mo.—Ideal Equipment Co., 1803 E. 14th St., Oakland.

MEIER ELECTRIC AND MACHINE CO. INC., 3525 E. Washington St., Indianapolis, Ind.—O. B. Wilt Co., 1355 Market St., San Francisco and 9006 S. Menlo Ave., Los Angeles 44.

MEIERJOHN-WENGIER CO., 1102 W. 9th, Cincinnati, Ohio—Bracken Sales Agency, 923 E. Third St., Los Angeles 13; Wm. Weston & Co., 1133 Moraga St., San Francisco.

MELETRON CORP., 950 N. Highland Ave., Los Angeles, Calif.—Ralph B. Lundy, 1063 Howard St., San Francisco.

MELL-O-CHIME & SIGNAL CORP., 119 S. Jefferson St., Chicago 6, Ill.—J. C. Coulson, 449 W. Jackson St., Phoenix; E. Holloway Co., 333 Jersey St., Denver 7; McMillen-Stanley Sales Corp., 778 Natoma St., San Francisco; NuRo Company, 301 Southland Life Bldg., Dallas 1, P. O. Box 4526, Houston, and 414 Houston Bldg., San Antonio.

MEMCO ENGINEERING & MFG. CO., INC., Commack, Long Island, New York—D. T. Elliott, 420 Market St., San Francisco; W. E. Holiman Co., 1508 Capitol Ave., Houston; Ken H. Best, 541 First Ave., South, Seattle.

MEPHISTO TOOL CO. INC., Box 16, Hudson Ave., Hudson, N.Y.—J. G. Pomeroy Co., 1004 E. Fourth St., Los Angeles.

MEND-IT-SLEEVE MFG. CO., 136 Bonita Avenue, Piedmont 11, Calif.—Sold direct by manufacturer and thru distributors. (See ad, p. 32.)

MERCOID CORPORATION, 4201 Belmont Ave., Chicago 41, Ill.—Neil H. Peterson Co., 1129 Folsom St., San Francisco; Jensen Instrument Co., 1919 W. Beverly Blvd., Los Angeles; J. M. Warner Co., 200 West 48th, Denver; Stevens Sales Co., 41 P. O. Place, Salt Lake City; Heating Assurance, Inc., Spokane; Clowe & Cowan, Amarillo; Southland Supply, Dallas; Industrial Equipment Co. of Houston, Houston; E. H. Langdon Co., Seattle; George S. Thomson Co., El Paso; George R. Folds, Jr., 409 N. Bryant St., Portland; Johnson Heating Supply Co., 232 N.E. 9th Ave., Portland 14.

MERCURY ELECTRIC CORP., 719 Wyandotte, Kansas City, Mo.—John Hedges, 2210 S. St. Paul, Denver; G. A. Shoemaker, 547 Eddy St., San Francisco.

MERCURY ELECTRIC CO., 30 Irving Place, New York City—Schueler & Weston, 923 E. 3rd, Los Angeles; L. M. Baxter Co., 926 Natoma St., San Francisco, 1220 S.W. Stark St., Portland and 1006 Lowman Bldg., Seattle.

MERCURY TELE. & RADIO CORP., 1241 S. Hill St., Los Angeles, Calif.—N. C. Teakle Co., Inc., 512 2nd St., San Francisco; Frank Sampieri, 246 So. 1st St., Phoenix; The Grauman Co., 1200 Lawrence St., Denver; Intermountain Distrubutors, 450 Main St., Salt Lake City; Keyco, Inc., 309 8th Ave., N., Seattle, 121 S. Monroe St., Spokane and 122 N. W. 12th Ave., Portland; Roy A. Kertson, 2929 Meade Ave., San Diego.

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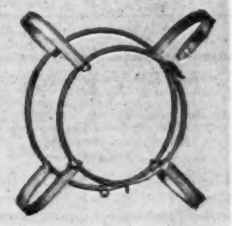

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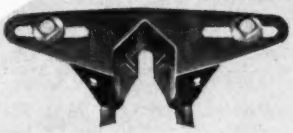

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MEYERS SAFETY SWITCH CO., INC., 423 Tehama St., San Francisco 3, Calif. (See adv., p. 34.)

MEYNELL MFG. CO., P. O. Box 605, Erie, Pa.—O. B. Wilt Co., 1355 Market St., San Francisco.

MICA INSULATOR CO., 800 Broadway, Schenectady 1, N. Y.—Western Fiberglas Supply, 937 S. Grand Ave., Los Angeles 15, and 739 Bryant St., San Francisco. Bakoring, Inc., (Lamicoid only) 1020 Houston Ave., Houston 10.

MICAMOLD RADIO CORP., 1087 Flushing Ave., Brooklyn, N.Y.—Perlmuth Colman & Associates, 1335 Flower St., Los Angeles and 420 Market St., San Francisco.

MICHIGAN OVEN CO., 4544 Grand River, Detroit, Mich.—E. A. Willcox Co., 277 Seventh St., San Francisco, 406 S. Main St., Los Angeles and 913 Arctic Bldg., Seattle; C. F. Bishop, 1800 Cochrell St., Dallas; F. E. Blair, 2144 Welton St., Denver.

MICRO SWITCH, Freeport, Ill.—Branch office: 1709 W. 8th St., Los Angeles; 1136 Howard St., San Francisco 3.

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MIDWEST ELECTRIC MFG. CO., 1639 W. Walnut St., Chicago 12, Ill.—A. Allen Smith, 1513 Mateo St., Los Angeles; Kenneth B. Schumann, 1073 Galapago St., Denver.

MIDWEST MFG. CO., Muncie, Ind.—Wm. O. Weston, 1133 Moraga, San Francisco.

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MILLER ELECTRIC CO., 120 Main St., Pawtucket, R. I.—J. M. Chapman, 290 9th St., San Francisco; Floyd Guenther, 2216 1st Ave., Seattle.

MILLER CO., 99 Center St., Meriden, Conn.—Branch Office: A. T. Bergeron, 52 Grenard Terrace, San Francisco; R. C. English, 3814 N.E. Wasco St., Portland 13; E. J. Imhof, P. O. Box 832, Sherman Oaks, Calif.; C.W. McDaniel, P.O. Box 277, Menlo Park, Calif.; S. Babcock, 2342 Franklin St., San Francisco; H. D. Lang, 6904 Grandview Ave., Arvada, Colo.

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MILO MFG. CO., 2255 Bush St., San Francisco, Calif.

MILWAUKEE ELECTRIC TOOL CORP., 5316 W. State St., Milwaukee 8, Wis.—Dirks & Co., 416 N.W. 14th Ave., Portland; G. A. Shoemaker Co., 574 Eddy St., San Francisco; Keebler & Parrish, 1341 S. Hope St., Los Angeles; Jordan Sales, 5313 N. 12th St., Phoenix.

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MOBILIFT CORP., 835 Southeast Main St., Portland 14, Ore.—G. A. Belford, 2730 San Pablo Ave., Oakland, Calif.

MODERN WATER EQUIPMENT CO., Rte. 64 & E. J. & E. R. R., West Chicago, Ill.—Morris De Lee, 8834 National St., Culver City, Calif.; Alexander Garaway, 2835 W. 9th St., Los Angeles 9.

MOE-BRIDGES CORP., 1415 Illinois Ave., Sheboygan, Wis.—H. George Shefler, P. O. Box 1587, Phoenix; D. A. Steinkamp Co., 936 St. Paul St., Denver.

MOE LIGHT, INC., 700 Oak St., Fort Atkinson, Wis.—Donald Gleason, 901 E. 45th St., Seattle; K. D. Cummings, 6441 Pinehaven Road, Oakland 11; A. O. Grotenhuis, 1042 Manley Dr., San Gabriel, Calif.; Jerry D. Long, 2727 Wynwood Lane, Los Angeles; W. Terrence Tilley, 1186 Poplar S., Denver.

MOELLER INSTRUMENT CO., 132 89th Ave., Richmond Hill 18, N.Y.—Jensen Instrument Co., 420 Market St., San Francisco, 1919 Beverly Blvd., Los Angeles.

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MONARCH RANGE CO., 3928 Lake St., Beaver Dam, Wis.—G. A. Lieser, 4422 55th Ave., N.E., Seattle, 5; L. A. Barton, 7939 N.E. Tillamook St., Portland 1; B. H. Edgerton, 9625 Seventh Place, N. E., Seattle 5; E. J. Elmore, Rte. 1, Box 156, Gig Harbor, Wash.; L. G. Jackson, 2028 W. 4th St., Spokane; J. E. Schruth, 1128 N. 24th St., Billings, Mont.; H. W. Wagner, 956 South 5th. East, Salt Lake City; K. A. Ullrich, 6531 Eastlawn, Oakland 21 and J. W. Boehler, 6876 Hawley St., Oakland 12.

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**MONITOR CONTROLLER CO.**, 51 Hayward St., Braintree, Boston 84, Mass.—Glidden Eng. & Equip. Co., 2523 McKinney Ave., Dallas and 3802 Winchester St., Houston; Hubert Kaub & Co., 1025 Santa Fe Dr., Denver 4; Robert M. Schow, 1709 W. 8th St., Los Angeles; Anson-Fowler Co., 178 Townsend St., San Francisco; Electric Power Equip. Ltd., 1285 Homer St., Vancouver, B. C.; Maydwell & Hartzell, Inc., 1238 N.W. Glisan St., Portland, 306 Dexter Ave., Seattle 4 and 814 Paulsen Bldg., Spokane 8.

**MONOWATT**, Dept., General Electric Co., 95 Hathaway St., Providence, R.I.—W. S. Wanke, 3000 E. 46th St., Los Angeles 58, Calif.; James H. Blinn, 1140 Speer Blvd., Denver 4; J. C. Platt, 2213 4th Ave., Seattle 1.

**MONTAG STOVE & FURNACE CO.**, 2011 N. Columbia Blvd., Portland 17, Ore.—General Sales Corp., 500 Minnesota, San Francisco; Appliance Supply Co., 591 6th St., San Francisco; Elco Distributors, Inc., 91 Cedar St., Seattle 1, Wash.

**MONTGOMERY BROS.**, 1122 Howard St., San Francisco 3, Calif.—Branch Offices: 2113 S. San Pedro St., Los Angeles 13; 1815 N.W. Northrup, Portland, and 911 Western Ave., Seattle 4.

**MORGANITE, INC.**, 3302 48th Ave., Long Island City 1, N. Y.—T. F. Carter, 905 San Mateo Dr., Menlo Park, Calif.

**MORSE CO., FRANK W.**, 1300 Soldiers Field Road, Boston, Mass.—H. H. Van Luven, 120 S. Hewitt, Los Angeles 13; E. B. Cook, 1063 Howard St., San Francisco 3.

**MORTON MFG. CO.**, Broadway & Hoyt Sts., Muskegon Heights, Mich.—Joseph C. Fletcher, 1415 Folsom St., San Francisco 3; Perine Machinery & Supply, 1921 First Ave. S., Seattle 4; Griffin & Ross Machinery Co., 5224 Pacific Blvd., Huntington Park, Calif.; Mine & Smelter Supply Co., 121 West Second South St., Salt Lake City 1.

**MOTORCRAFT**, Box 470, Muncie, Indiana—Tri-State Supply Company, 544 So. San Pedro, Los Angeles; 554 Bryant St., San Francisco and 318 Occidental Ave., Seattle; Electrical Specialty Co., 316 Eleventh St., San Francisco 3; 418 E. Third, Los Angeles 13; 2406 First Ave. So., Seattle 1 and 1015 21st., Denver 2; H. G. Rising, Inc., 151 N. Vermont Ave., Los Angeles 5.

**MOTOROLA, INC.**, 4545 Augusta Blvd., Chicago, Ill.—Branch Office: J. M. Tuttle, regional manager, Suite 407, Merchandise Mart, 1355 Market St., San Francisco. Sold through exclusive distributors.

**MUELLER ELECTRIC CO.**, 1583 E. 31st St., Cleveland 14, Ohio—Harry E. Marshall, 104 Olive St., San Francisco 9; L. B. Putnam Co., 1217 California St., Denver 2.

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**MULLINS MANUFACTURING CORP.**, 101 University, N.E., Warren, Ohio—Branch Office: 1355 Market St., San Francisco; McCollum Law Corp., Denver; W. H. Bintz Co., Salt Lake City; Saviers Electrical Prod. Corp., Reno; Couch Appl. Co., El Paso; Herbert H. Horn, Inc., Los Angeles; Superior Dist. Co., Phoenix; Distributors, Inc., San Diego, Calif.; Pioneer Appliance Co., 1355 Market St., San Francisco; Marshall Wells Co., Seattle 4; and Spokane 2, and Portland 8, and Billings, Mont.; Devlin-Drew Co., 65 Broadway, Fresno, Calif.

**MULLITE REFRACTORIES CO.**, 95 Canal St., Shelton 1, Conn.—E. A. Wilcox, 277 Seventh St., San Francisco 3, 406 S. Main St., Los Angeles 13 and Arctic Bldg., Seattle 4.

**MULTI ELECTRIC MFG. CO., INC.**, 4223 W. Lake St., Chicago 24, Ill.—Edwin C. Dunn, P. O. Box 268, Littleton, Colo.; Wm. Benndorf, 401 W. Jackson, Phoenix; Barney De Ramus, 125 S. Santa Fe Ave., Los Angeles.

**MULTI PRODUCTS MFG. CO.**, 2040 Santa Fe Ave., Los Angeles, Calif.—Melbourne Zigmond, 2040 Santa Fe Ave., Los Angeles; Bruce-Emmet Co., 826 S.E. Alder St., Portland and 1016 First Ave., So., Seattle 4; Californian-Arizona Sales Agency, 301 W. "G" St., San Diego 1; Everett T. Vonier Co., 1160 Elati St., Denver 3.

**MURDOCK CO., Wm. J.**, 158 Carter St., Chesea 50, Mass.—Keeler White Co., 615 7th St., San Francisco, 436 Colyton St., Los Angeles, 322 N.W. 4th Ave., Portland and 1041 6th Ave. South, Seattle.

**MURLIN MFG. CO.**, 5420 Paschall Ave., Philadelphia, Pa. — Allied Industries, 412 Seaton St., Los Angeles; Electrical Industries, 560 9th St., San Francisco; E. A. Will, 534 First Ave. South, Seattle.

**MURPHY CO., JAMES A.**, Hamilton, Ohio — Geraty Engineering Specialties, 380 Colusa Ave., Berkeley 7, Calif.

**MURRAY MANUFACTURING CORP.**, 1250 Atlantic Ave., Brooklyn, N. Y.—Sales Engineers, Inc., 1440 11th St., Denver; Northwest Sales Co., 1603 N.W. Johnson St., Portland; Ernest F. Hauck Co., 1282 Folsom St., San Francisco; Henger-Seltzer, 120 S. Hewitt St., Los Angeles.

**MURRAY CORP. OF AMERICA**, 7700 Russell Ave., Detroit, Mich.—Mark Battersby, 766 Garland, Palo Alto, Calif.

**MU SWITCH DIV. Aero Mfg. Co.**, 2040 E. Main St., Columbus, Ohio—C. B. Parson Co., 3028 1st Ave., Seattle; R. H. Fisher Co., 30 Harriet St., San Francisco; Fred Alltman, 1709 W. 8th St., Los Angeles 14.

**NARRAGANSETT WIRE CO.**, 541 Pawtucket Ave., Pawtucket, R. I.—Magnes Co., 725 2nd St., San Francisco; Agencies Co., 836 Traction, Los Angeles.

**NATIONAL ACME CO.**, Electrical Mfg. Div., 170 E. 131st St., Cleveland, Ohio—Jenison Machinery Co., 20th & Tennessee, San Francisco; Preston Machinery Co., 6703 Santa Fe, Huntington Park, Calif.

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**NATIONAL ELECTRONICS MFG. CO.**, 414 S. Western Ave., Los Angeles, Calif.—Gregnall Co., 1355 Market St., San Francisco.

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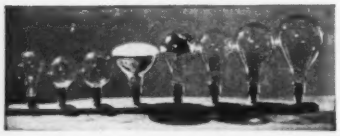

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**PEERCO, INC.,** 4538 W. Roosevelt Rd., Chicago, Ill.—H. Newquist, 2354 E. Glen Oaks Blvd., Glendale 6, Calif.; J. Spencer, 1127 Garden St., Bellingham, Wash.

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**PENN CONTROLS, INC.,** Goshen, Ind.—Branch Offices: 920 Grayson St., Berkeley, Calif.; 228 Glendale Blvd., Los Angeles; 3010 First Ave., Seattle. Agents: H. M. Olmstead Co., 3755 Blake St., Denver 5; Specialty Sales Co., 208 S.W. Temple, Salt Lake City. Lake City.

**PENNSYLANIA TRANSFORMER CO.,** P.O. Box 330, Canonsburg, Pa.—Fred W. Carlson, 2307 5th Ave., Seattle; John G. Corrin, 600 So. Highland Ave., Los Angeles;

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(Penn. Transformer—Continued
George E. Honn Co., 420 Market St., San Francisco; Peterson Co., 4949 Colorado Blvd., Denver 16; Clarence W. Silver Co., 550 W. 7th S. St., Salt Lake City 4; J. E. Redmond Supply, P. O. Box 869, Phoenix; Williamson Sales Co., corner Slocum & Cole Sts., Dallas and 5541 Armour Dr., Houston.

PENN-UNION ELECTRIC CORP., 315 State St., Erie, Pa.—F. M. Nicholas Co., 714 Harrison St., San Francisco; Kenneth Anderson Co., 412 Seaton St., Los Angeles; Northwestern Agencies, 4130 First Ave. South, Seattle.

PERENY EQUIPMENT CO., 893 Chambers Road, Columbus, Ohio —Paul H. Potter Associates, 801 N. Lake Ave., Pasadena 6, Calif.

PENROSE, INC., 427 W. 5th St., Los Angeles, Calif.—K. M. Ryals Co., 461 Market St., San Francisco.

PERFECT-LINE MFG. CORP., Old Country Rd. & R. R. Ave., Hicksville, N.Y.—Walter E. Wallace Co., 445 Bryant St., San Francisco; L. D. Hood Sales Agency, P.O. Box 7651, Lakewood, Colo.; L. Misner, 4261 S.E. Stark, Portland; Agencies Co., 836 Traction Ave., Los Angeles.

PERFECTION STOVE CO., 7609 Platt Ave., Cleveland 4, Ohio—Branch Office: 1280 45th St., Oakland 8, Mr. D. C. Branhan, Mgr. Sold thru furniture, hardware, appliance and variety stores.

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PERMAFLUX CORP., 4900 West Grand Ave., Chicago 39, Ill.—Branch Office, 236 S. Verdugo Road, Glendale, Calif. Representative: G. M. Howard Aassociates, 782 Bryant St., San Francisco 7. Calif.

PETERSON ENGINEERING CO., 460 Kifer Road, Santa Clara, Calif.

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PHELPS DODGE COPPER PRODUCTS CORP., Habirshaw Cable & Wire Div., 40 Wall St., New York City—Branch Offices: H. W. Finnell Jr., Pac Coast Mgr., 6100 Garfield Ave., Los Angeles 22; Homer L. Hussey, Mgr., Exchange Block Bldg., 369 Pine St., San Francisco 4; George A. O'Brien, Mgr., 505 Skinner Bldg., Seattle 1.

PHILADELPHIA ELECTRICAL & MFG. CO., 1200-36 N. 31st St., Philadelphia, Pa.—Keeler, White Co., 615 7th St., San Francisco; 322 N.W. 4th Ave., Portland; 436 Colyton Ave., Los Angeles; L. M. Slusser, 318 Dooly Block, Salt Lake City; Hamilton Associates, 1236 Elati St., Denver.

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PHOTOSWITCH, INC., 77 Broadway, Cambridge, Mass. — Branch Office: A. J. Erickson Co., 50 Hawthorne St., San Francisco. Agents: Bushnell Controls & Equip. Co., 509 Polk St., San Francisco and 3929 W. Jefferson Blvd., Los Angeles; Eicher & Co., Inc., 263 Colman Bldg., Seattle; Leonard M. Slusser, 318 Dooly Bldg., Salt Lake City; Pacific Controls Ltd., 1042 Davie St., Vancouver, B.C.; East Point Sales Co., 602 Empire St. Bldg., Spokane; Automatic Control & Equip. Co., 1925 Blake St., Denver.

PHOTOVOLT CORP., 95 Madison Ave., New York City 16—Arthur E. Booth, 265 S. Alexandria Ave., Los Angeles 4.

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PIONEER GEN-E-MOTOR CORP., 5841 W. Dickens Ave., Chicago, Ill.—Fred C. Wood Co., 1355 Market St., San Francisco, 712 S. Olive St., Los Angeles and 503 Terminal Sales Bldg., Seattle; Allen B. Carpenter Co., 820 12th St., Denver.

PIONEER TOOL CO., 5008 W. Jefferson, Los Angeles 16, Calif. —George Davis, 5127 Whittier Blvd., Los Angeles 22; David H. Ross, 1355 Market St., San Francisco; Frank Wedel, 3215 Western Ave., Seattle 9; A. J. Nelson, P.O. Box 2244, Denver.

PITTSBURGH LECTROMELT FURNACE CORP., P. O. Box 1257, Pittsburgh, Pa.—E. A. Wilcox Co., 277 7th St., San Francisco and 406 So. Main St., Los Angeles; James R. Hewitt, 1213 Capitol S., Houston; Western Foundry Sand Co., 1043 Elliott Ave., West, Seattle; J. B. Ambler, Salt Lake City; Western Industrial Supply Co., Portland.

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POLES, INC., E. 706 Sprague Ave., Spokane, Wash.

POLLAK LUMINESCENT CORP., 732 S. Federal St., Chicago 5, Ill.—P. A. Douden, 1645 Wazee St., Denver; Army & Feigel, 4209 Parry Ae., Dallas; Robt. H. Pollock, 225 S. Gale Dr., Beverly Hills, Calif.

POLYMER CORP. OF PENNA., Reading, Pa.—E. Jordan Brookes Co., 5138 W. Jefferson Blvd., Los Angeles.

PORCELAIN INSULATOR CORP., 761 Main St., Lima, N. Y.—Joslyn Pacific Co. in following cities: 5100 District Blvd., Los Angeles 11; 180 Potrero Ave., San Francisco; 1523 N. W. Kearney St., Portland 9; 2424 First Ave. South, Seattle 4.

PORCELAIN PRODUCTS, INC., 422 W. Sandusky St., Findlay, Ohio—Allied Industries, 412 Seaton St., Los Angeles; George A. Gray Co., 2720 17th St., San Francisco 10; E. A. Will, 532 First Ave., So., Seattle; Leonard M. Slusser, 318 Dooly Block, Salt Lake City; H. M. Olmstead, 1534 Wazee St., Denver; Gordon W. Laursen & Son, 512 W. Granite, Albuquerque; Industrial Eng. & Equipment Co., 708 Subway Terminal Bldg., Los Angeles; J. W. Watkins, 551 Skinner Bldg., Seattle Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver.

PORTABLE ELECTRIC TOOLS, INC., 255 West 79th St., Chicago 20, Ill.—M. L. Bud Cohn, 1323 Venice Blvd., Los Angeles 6; George Woodward, 511 Merchandise Mart Bldg., Denver; Larry Henegar, 118 East Moltkest, Daly City, Calif.

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POST-GLOVER ELECTRIC CO., 221 W. 3rd St., Cincinnati, Ohio —K. M. Ryals Co., 461 Market St., San Francisco 5; Johnson Supply Co., 1414 Wazee St., Denver 2.

POTTER & BRUMFIELD, Princeton, Indiana—V. T. Rupp Co., 2230 W. Eleventh St., Los Angeles 6; C. E. Ault Associates, 625 Laurel Ave., Menlo Park, Calif.; Fred H. Haight, 2217 4th Ave., Seattle 1; W. Clif McLoud & Co., 5528 E. Colfax Ave., Denver 7.

POTTER & RAYFIELD, INC., 1570 Northside Dr., Atlanta, Georgia—Wm. J. Cottrell Co., 11341 S. W. Pacific Highway, Portland 1; Electrical Specialty Co., 1015 21st St., Denver 2; Tri-State Supply Corp., 544 So. San Pedro St., Los Angeles 13 and 554 Bryant St., San Francisco 7.

PRACTICAL ELECTRIC CO., Melvindale, Mich.—C. B. Parsons, 3028 1st Ave., Seattle.

PRECISION APPARATUS CO., INC., 92-27 Horace Harding Blvd., Elmhurst, N. Y.—C. R. Strassner Co., 1865 N. Western Ave., Los Angeles; Northwestern Agencies Inc., 4130 1st Ave. So., Seattle 4; A. J. Nelson Co., P.O. Box 5502, Denver.

PRECISION THERMOMETER & INSTRUMENT CO., 1434 Brandywine St., Philadelphia 30, Pa.—Pacific Scientific Co., 25 Stillman, San Francisco 7, 1915 First Ave. S., Seattle 4, Terminal Sales Bldg., Portland 5, 1430 Grande Vista Ave., Los Angeles 23; Denver Fire Clay Co., Boise, Denver and El Paso, Texas.

PRECISION WELDER MFG. CO., 660 West Grand Ave., Chicago 10, Ill.—Pacific Electric Sales Co., 140 S.E. 28th Ave., Portland.

PREFORMED LINE PRODUCTS CO., 5349 St. Clair St., Cleveland 14, Ohio.—K. M. Ryals Co., 461 Market St., San Francisco; Earl S. Condon Co., 1151 S. Broadway, Los Angeles 15.

PREMAX PRODUCTS, Div. Chisholm-Ryder Co., Inc., Highland & College Ave., Niagara Falls, N. Y.—Ken H. Best, 541 1st Ave. So., Seattle; A. L. Dickson, 1259 Clark Road, Paradise, Calif.; W. L. Glade, 1421 Sherman Ave., Salt Lake City; Gordon G. Moss, 1530 13th Ave., Greeley, Colo.

PRESCOLITE MFG. CORP., 2229 4th St., Berkeley, Calif.—Barney DeRamus and Associates, 125 S. Santa Fe, Los Angeles; A. L. Perdue, 4305 Ravenwood Ave., Sacramento; John Allen Ware & Associates, 301 West G St., San Diego; Gleason's, 901 E. 45th St., Seattle.

PRESSTEEL CO., 800 Bancroft Way, Berkeley, Calif.—Barney DeRamus & Associates, 125 So. Santa Fe, Los Angeles; California-Arizona Sales Agency, 301 West G St., San Diego; D. S. Gleason, 901 E. 45th St., Seattle; J. R. Christensen, 247 East 5th So., Salt Lake City; Kenneth B. Schumann, 814 12th St., Denver.

PREST-O-LITE BATTERY CO., INC., P. O. Box 931, Toledo, Ohio—Branch Office: P. O. Box 97, Elmhurst Station, Oakland, Calif.

PRESTO RECORDING CORP., Box 500; Paramus, N.Y.—Lee Owens, 2331 W. Washington Blvd., Los Angeles; Wm. J. Purdy, 79 Ninth St., San Francisco; Marsh Agencies, 2601 First Ave., Seattle; Franklin Y. Gates, 200 S. Main St., Salt Lake City.

PRINGLE ELECTRICAL MFG. CO., 1906 N. 6th St., Philadelphia, Pa.—Oliver B. Lyman, 55 New Montgomery St., San Francisco 5.

PRITCHARD, J. E. & COMPANY, 908 Grand Ave., Kansas City, Mo. —The Fulcher Co., 58 Sutter St., San Francisco 4; Louis E. Purmort, 12141 Muriel Drive (Lynwood), Los Angeles; Thermal Engineering Co., 324 Sun Bldg., Boise; Sullivan Valve & Eng. Co., 909 E. Second St., Butte; Stapp Engineering Co., 512 Tabor Bldg., Denver; Karlson Machine Works, 605 E. Grant, Phoenix; Brod & McClung, 31 N. W. First St., Portland; Thermal Engineering, 1433 Harvard, Salt Lake City; Sullivan Valve & Eng. Co., P.O. Box 2208, Spokane and P.O. Box 1583, Great Falls, Mont.

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**PRODUCTION INSTRUMENT CO.**, 710 W. Jackson Blvd., Chicago 6, Ill.—E. V. Roberts & Associates, 5068 W. Washington Blvd., Los Angeles 16 and 988 Market St., San Francisco 2; 909 N. First St., Phoenix; C. B. Parsons, 3028 First Ave., Seattle 1.

**PRODUCTION PLANNING CO.**, Allen Ventilator Div., 704 Woodward Ave., Rochester, Mich.—Air Equip. Sales Co., 1101 Riverside Dr., Los Angeles 31; Harris Supply, 524 N.W. 14th St., Portland 6; Idaho Ind. Supply Co., 105 S. 15th St., Boise; Phillips Steel Co., P. O. Box 336, Albuquerque; Frantz Service, 2090 S. Columbine St., Denver 10; Builders Supply, Box 176, Helena, Mont.; Oliphant Commercial Corp., 600 16th St., Oakland 12; R. E. Chase Co., 2332 E. 11th St., Tacoma.

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**PROMETHEUS ELECTRIC CORP.**, 50 Webster Ave., New Rochelle, N. Y.—William C. Newton, 656 S. Los Angeles St., Los Angeles 14.

**PROTECTOWIRE CO.**, Washington St., Hanover, Mass.—Branch Offices: Protectowire Pacific Co., 1323 14th St., Longview, Wash., and 742 South Hill St., Los Angeles; 2845 Chapman St., Oakland 1; P.O. Box 268, Littleton, Colo.

**PRYNE & CO., INC.**, 140 N. Towne Ave., Pomona, Calif.—Branch Office: 1561 W. Venice Blvd., Los Angeles; McMillen-Stanley Sales Corp., 778 Natoma St., San Francisco; W. H. Cress Co., Concord Bldg., Portland 4; John W. Reynolds, 1209 S. Main St., Salt Lake City; Gaer Florance & Associates, 2052 Humboldt St., Denver; Gordon W. Laursen & Son, 512 Granite, Albuquerque.

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**PURE CARBON CO.**, Wellsville St., St. Marys, Pa.—Northwest Sales & Engineering Service Co., 915 Terminal Sales Bldg., Seattle; A. J. Nelson, P. O. Box 2244, Denver; C. J. Gratiot & Sons, 1282 Folsom St., San Francisco and R. F. Gratiot, 525 Crocker St., Los Angeles 13; Clyde L. Webb, P.O. Box 9322, Fort Worth.

**PYLE NATIONAL CO.**, 1334 N. Kostner Ave., Chicago 51, Ill.—Branch Office: 593 Market St., San Francisco 5, Mr. J. F. Van Nort, District Mgr. Agents: Henger & Seltzer Co., 120 So. Hewitt St., Los Angeles 12; Shaffer & Nelson in following cities: 312 Occidental Ave., Seattle 4; 1204 N.W. Glisan, Portland; 824 Realty Bldg., Spokane 8; Sales Engineers Co., 135 S. Third East St., Salt Lake City and 1440 11th St., Denver.

**PYRAMID INSTRUMENT CORP.**, 49 Howard St., New York City—Allied Industries, 412 Seaton St., Los Angeles; F. M. Nicholas Co., 714 Harrison St., San Francisco; Northwestern Agencies, Inc., 4130 First Ave. So., Seattle; L. S. Reed Co., 1018 Lawrence St., Denver; Glidden Eng. & Equipment Co., 3802 Winchester St., Houston.

**PYRENE MFG. CO.**, 560 Belmont Ave., Newark 8, N. J.—Ben S. Allen, Pacific Coast Mgr., 1177 Mission St., San Francisco 3.

**PYROMETER INSTRUMENT CO. INC.**, 92 Portland Ave., Bergenfield, N.J.— Berkley Engineer & Equipment Co., 2417 Riverside Dr., Los Angeles 39; Herman E. Held, 120 Main St., San Francisco 5.

**QUADRANGLE MFG. CO.**, 32 So. Peoria St., Chicago 7, Ill.—Keeler, White Co., 615 7th St., San Francisco 3 and 322 N. W. Fourth, Portland; 1041 Sixth Ave., Seattle; A. Allen Smith, 1513 Mateo St., Los Angeles.

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**R T & E CO.**, (Formerly Rural Transformer & Equip. Co.), 632 N. 8th St., Milwaukee, Wis.—J. E. Annable, Box 1512-T R. 1, Edmonds, Wash.; E. A. Reid, 302 Custer Ave., Billings, Mont.; W. G. Mills, 1206 S. McClellan St., Spokane; D. M. Parrish, 6402 Lovett Ave., Dallas.

**RACON ELECTRIC CO., INC.**, 52 E. 19th St., New York City 3—Wm. H. and Don C. Wallace, 1206 Maple Ave., Los Angeles 15; David H. Ross Co., 1355 Market St., San Francisco 3; A. J. Nelson Co., 1639 Blake St., Denver 1; Frank Wedel Co., 3215 Western Ave., Seattle 99.

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**RAWLPLUG CO. INC.**, 271 Church St., New York 13, N. Y.—Branch Offices: 59 Grace St., San Francisco 3; 735 E. Washington Blvd., Los Angeles 21; 508 5th Ave. So. Seattle; 1150 Speer Blvd., Denver 4 and 1600 Cedar Springs Ave., Dallas 1.

**RAYTHEON MFG. CO.**, 90 Willow St., Waltham, Mass.—Sullivan Cassimus Co., 651 Folsom S., San Francisco; Victor Equipment Co. (Welding), 3821 Santa Fe Ave., Los Angeles; Robt. M. Campion, Box 4116 Dallas; V. T. Rupp, 2230 West 11th St., Los Angeles.

**RAYTHEON TELEVISION AND RADIO CORP.**, 5921 W. Dickens Ave., Chicago, Ill.—Walter J. Epstein, Inc., 390 9th St., San Francisco; James J. Kerwin Co., 1525 S. Flower St., Los Angeles; Modern Heating Supply, 3612 First Ave. South, Seattle; H. E. McMasters Co., 1010 Wyoming, El Paso; Contractors Heating & Supply Co., 70 Santa Fe Dr., Denver; Schafer-Wright, Inc., 1231 N.W. Hoyt St., Portland; Glenn Earl, Inc., 245 S. First West, Salt Lake City; Ellis Paint Co., 910 S. Arizona St., Butte.

**RAYTRON CORP.**, 6812 Polk St., Guttenberg, N. J.—Frank J. Airey Co., 1513 Mateo St., Los Angeles 21.

**REDMOND CO., INC.**, Owosso, Mich.—Redmond Co. of Calif., Inc., Chas. Bickert, Mgr., 1260 So. Boyle Ave., Los Angeles 23.

**REFRIGERATING SPECIALTIES**, 3004 W. Lexington St., Chicago 12, Ill.—Refrigerating & Power Specialties Co., 380 Brannan St., San Francisco; 353 Harrison St., Seattle 9; 1134 S.E. Stark St., Portland 14; 906 S. Tacoma Ave., Tacoma and 1258 N. Union St., Stockton, Calif.

**REGENT-SAVOY ELEC'L. MFG. CORP.**, 589 North Ave., New Rochelle, N. Y.—James M. Tuite, 1802 Corona St., Dallas 14; Roth Sales Co., 1920 Grape St., Denver 7.

**REGINA CORPORATION**, Rahway, N. J.—Branch Office, 520 W. 7th St., Los Angeles 14. Sold thru leading wholesalers all principal cities.

**RELIABLE ELECTRIC CO.**, 3145 Carroll Ave., Chicago 12, Ill.—H. C. Mitchell, Jr., and S. M. Sherman, Box 1362 Los Altos, Calif. and H. C. Mitchell Jr., Shetland Lane, 12243, Los Angeles. Sold thru Graybar Electric Co., Inc., all principal cities. Joslyn Pacific Co., Los Angeles, San Francisco, Portland, Seattle and Salt Lake City.

**RELIANCE AUTOMATIC LIGHTING CO.**, 1939 Mead St., Racine, Wis.—C. A. Meier, 1473 Harrison St., San Francisco 3; Ed Warburg Co., 1207 E. 8th St., Los Angeles; B & W Sales Co., 501 Wadsworth Ave., Denver 15. (See adv., page 41.)

RELIANCE ELECTRIC & ENGINEERING CO., 1058 Ivanhoe Rd., Cleveland, Ohio — J. C. Shaffer, 1215 N.W. Everett St., Portland; F. G. Guthrie, 420 Market St., San Francisco; A. C. Perrin, 122 Second Ave., San Mateo, Calif.; H. A. Latta, 714 W. Olympic Blvd., Los Angeles; E. H. Nelson, 312 Occidental Ave., Seattle; Peterson Co., 4949 Colorado Blvd., Denver; Clarence W. Silver Co., 550 W. 7th South St., Salt Lake City; Boyd Industrial Engineering Inc., 1600 W. Jefferson, Phoenix.

REMINGTON RAND, INC., Electric Shaver Div., 60 Main St., Bridgeport, Conn.—Branch Offices: 41 First St., San Francisco; 711 S. Olive St., Los Angeles; 1910 Fourth Ave., Seattle.

REMLER CO., LTD., 2101 Bryant St., San Francisco, Calif (Marine Products)—Wm. R. Zinn., 6305 49th Ave. S.W., Seattle 6.

REPUBLIC CREOSOTING CO., 1615 Merchants Bank Bldg., Indianapolis, Ind.—B. L. George, 1101 Arch Bldg., Los Angeles; L. B. Tollefson, Box 50, Rte. 2, Renton, Wash.; R. K. Nelson, Box 286, Provo, Utah.

REPUBLIC STEEL CORP., Steel & Tubes Div., 224 East 131st St., Cleveland, Ohio—Branch Offices: General Petroleum Bldg., Los Angeles 14; 225 Rialto Bldg., San Francisco 5; Continental Oil Bldg., Denver 2. Agents: J. C. Shaffer, 1215 N.W. Everett St., Portland 9; E. N. Nelson, 312 Occidental Ave., Seattle 4.

RESIN INDUSTRIES, P. O. Box 1589, Santa Barbara, Calif.—Angus-Campbell, Inc., 5320 Santa Fe Ave., Los Angeles 58, 2122 Fourth Ave., Seattle and 917 Bryant St., San Francisco 3; Insulation & Wires, Inc., 2240 W. Washington Blvd., Los Angeles 21; 1077 Howard St., San Francisco 3 and 1072 N. E. Sandy Blvd., Portland 14; Tri-State Supply Corp., 544 So. San Pedro St., Los Angeles 13; 544 Bryant St., San Francisco 7 and 318 Occidental Ave., Seattle 4.

REVCO, INC., 2 East Franklin St., Minneapolis 4, Minn.—R. Meussdorffer, 8468 Melrose Place, Los Angeles; Andrews Hdwe & Metals, 334 So. Main, Los Angeles; Engineering Sales Co., 411 So. Wall St., Los Angeles; Goddard-Jackson Co., 935 So. Santa Fe Ave., Los Angeles; C. W. Marwedel, 11th and Alice Sts., Oakland; San Diego Hdwe Co., 840 5th Ave., San Diego; Nadon Eng. Co., 7 Front St., San Francisco; H. S. Jones, Rialto Bldg., San Francisco.

REVCOR., 5201 N. Avondale Ave., Chicago, Ill.—W. A. Roben Co., 6228 36th Ave., N.E., Seattle 6.

REVERE COPPER & BRASS CO., INC., 230 Park Ave., New York City—Branch Offices: T. F. Richardson, Dist. Mgr., 116 New Montgomery, San Francisco; W. H. Hitchcock, gen. mgr., Pac. Const. Division, 6500 E. Slauson Ave., Los Angeles; W. E. Kalb, Dist. Mgr., 1331 Third Ave., Seattle; E. T. Doyle, Works Manager, Riverside Mfg. Div., 2626 Kansas Ave., Riverside, Calif.

REVERE ELECTRIC MFG. CO., 6009-17 Broadway, Chicago 40, Ill.—Bracken Sales Agency, 923 E. 3rd St., Los Angeles; L. M. Baxter Co., 926 Natoma St., San Francisco; 1220 S. W. Stark, Portland and 908 Lowman Bldg., Seattle; The Darger Co., 328 W. 2nd St., So., Salt Lake City; L. S. Reed & Co., 1018 Lawrence St., Denver 4.

REYNOLDS ELECTRIC CO., 3000 River Road, River Grove, Ill.—Segman H. Kadin, 950 S. Flower St., Los Angeles 15.

REYNOLDS METALS CO., 2500 S. 34th St., Louisville 1, Ky.—W. O. Yates, Regional Mgr., 601 S. Ardmore, Los Angeles; 1226 Folsom St., San Francisco, 444 Blackstone Ave., Fresno, 1844 Westlake Ave. North, Seattle, 309 Empire State Bldg., Spokane, 935 N.W. 12th Ave., Portland; 22 South Main, Salt Lake City, 3500 W. Van Buren St., Phoenix.

RHEEM MFG. CO., 4361 Firestone Blvd., South Gate, Calif.—Branch Offices: 1804 Russ Bldg., San Francisco; 3820 S.E. Milwaukee Ave., Portland and 3641 Rosecrans Ave., San Diego. Sold thru wholesalers-jobbers.

RHODE ISLAND INSULATED WIRE CO., INC., 50 Burnham Ave., Cranston, R. I.—Western District Mgr., Wilbert B. Buchman, 4710 Crenshaw Blvd., Los Angeles.

RHODES, INC., M. H., 30 Bartholomew Ave., Hartford, Conn.—J. Y. Schoonmaker Co., 2011 Cedar Springs, Dallas; Wm. J. Goebel, 1406 So. Grand Ave., Los Angeles; James P. Hermans, 1234 Folsom St., San Francisco; J. Webb Kitchen, Inc., 2115 Second Ave., Seattle; V. R. Dittman, 2300 So. Madison St., Denver; H. George Shefler, P.O. Box 1587, Phoenix.

RHODES & SON CO., M.M., 12 Porter St., Taunton, Mass.—Graybar Electric Co., San Francisco, Seattle and Spokane; H. H. Van Luven, 120 S. Hewitt, Los Angeles, Walter Schott, 3225 Exposition Place, Los Angeles and Morse Signal Devices, 8124 Melrose Ave., Los Angeles; Kellogg Switchboard Co., 1663 Mission St., San Francisco.

RICHARDS CO., J. R., P. O. Box 482, Carnegie, Pa.—Michel Brothers, 1015 E. 16th St., Los Angeles 21; F. M. Nicholas, 714 Harrison St., San Francisco 5.

RICHARDSON - ALLEN CORP., 116-15 Fifteenth Ave., College Point, N. Y.—Richard C. English, 2814 N.E. Wasco St., Portland; Fred W. Schlapp, 251 Kearney St., San Francisco.

RIDGE TOOL CO., Clark St., Elyria, Ohio—Seth W. Smith, P. O. Box 229, Van Nuys, Calif.; O. E. Perry, 7401 Fremont Ave., Seattle.

RIPLEY CO., INC., 1 Factory St., Middletown, Conn.—A. W. Nash, 5225 Wilshire Blvd., Los Angeles 36; James J. Backer, 2321 Second Ave., Seattle 1.

RITTENHOUSE CO., INC., East St., Honeoye Falls, N. Y.—Allen B. Carpenter Co., 820 Twelfth St., Denver; Pryne-Ritterhouse Sales Corp., P. O. Box 698, Pomona, Calif.; W. H. Cress Co., 306 Concord Bldg., Protland 4; McMillen-Stanley Sales Corp., 778 Natoma St., San Francisco; Burrus-Matthews Co., Dallas.

RIVAL MFG. CO., 22nd & McGee, Kansas City, Mo.—Fred C. Wood Co., 1355 Market St., San Francisco, 712 S. Olive St., Los Angeles 14 and Terminal Sales Bldg., Seattle.

ROBERSON, L. N., COMPANY, 1539 East 103rd St., Seattle, Wash. — Western representatives: George K. Brokaw, 165 Jesse St., San Francisco; Wm. Bracken Sales Agency, 923 East Third St., Los Angeles 13; Harvey McRoberts, 2856 West Broadway, Vancouver, B. C.; Joe E. Pearce, P. O. Box 796, Albuquerque.


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## THE RELIANCE LINE OF TIME SWITCHES . . .

• Reliable devices for automatically controlling circuits where current is to be turned on and off at predetermined times daily. Fully guaranteed by the manufacturer and listed by the Underwriters' Laboratories.

M2 Illustrated

## "BADGER" Synchronous

This model is specifically a heavy duty time switch designed and built to meet the demand for a reasonably priced switch with a capacity great enough to meet a wide variety of requirements. Extra-heavy gears, a slow-speed synchronous motor, and heavy copper-to-copper "floating" contacts—all help to make the "Badger" a better-built switch for long-lasting, accurate control.

All types are single throw (straight ON and OFF)

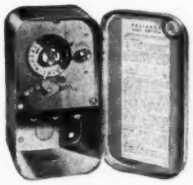
| Type | Poles | Switch Capacity | Case |
|---|---|---|---|
| M1 | 1 | 50 A. at 125 V. | Sheet Steel |
| M2 | 2 | 50 A. at 125/250 V. | Sheet Steel |
| RM | 1 | 50 A. at 125 V. | Cast Aluminum |
| RM5 | 2 | 50 A. at 125/250 V. | Cast Aluminum |

W-22 Illustrated

## "MODEL W" Synchronous

An extremely simple, compact and dependable time switch which with only three types, covers practically every time switch requirement. Has large silver contacts and heavy-duty self-starting motor. Type W-33 controls two separate circuits independently or simultaneously by merely setting the trip hands for the desired schedule of operation. Model W case is of 20 gauge steel finished in hammerloid enamel.

| Type | Poles | Throw | Switch Capacity |
|---|---|---|---|
| W-11 | 1 | Single Throw | 30 A. at 125 V. |
| W-22 | 2 | Single Throw | 30 A. at 125/250 V. |
| W-33 | 2 | Two Circuit | 30 A. at 125/250 V. |



Type 401

## "MODEL 400" Synchronous

A simplified, smaller, lower cost time switch, especially suitable for automatic control of circuits up to 2500 watts, such as small window lighting installations, signs, oil burners, air conditioning, etc. Contacts are silver-to-silver. Timing element is driven with precision gear train and vernier time set. Numbered terminals are provided for all connections. Case is one-piece deep drawn steel with hinged cover.

| Type | Poles | Throw | Switch Capacity |
|---|---|---|---|
| 401 | 1 | Single Throw | 20 A. at 125 V. |

Astronomic dial available on types W-11 and W-22.

***Complete catalog gladly furnished on request.***

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Weatherproof & Explosion Proof Motor Control and Circuit Breakers
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**ROBESON ROCHESTER CORP.**, 46 Sager Drive, Rochester, N. Y. —Eric F. Chemnitz Co., 1355 Market St., San Francisco and 1148 S. Grand, Los Angeles; Earl E. Eckstrom & Associates, 2601 2nd Ave., Seattle.

**ROBERTSHAW - FULTON CONTROLS CO.**, Youngwood Pa.—Grayson Controls Div., 3000 E. Imperial Highway, Lynwood, Cal.

**ROCKBESTOS PRODUCTS CORP.**, 285 Nicoll St., New Haven, Conn.—Branch Offices: P. O. Weston, Oakland Municipal Airport Bldg. 741, Oakland, Calif.; Howard G. Jones, 4020 W. 3rd St., Los Angeles, Calif., R. M. Keay, 1908 East 135th Street, Seattle 55.

**ROCKWELL MFG CO.**, Freeport, Ill.—E. B. Bradley Co., 1205 S. Hill, Los Angeles, 462 Bryant St., San Francisco, and 2408 1st Ave. So., Seattle.

**RODALE MFG. CO., INC.**, Emmaus, Pa.—Joseph Liner, 338 E. 2nd St., Los Angeles; K. B. Schumann Co., 816 12th St., Denver; H. L. Guokas, 2629 Roanoke St., Dallas.

**ROEBLING'S SONS CO., JOHN A.**, 640 So. Broad, Trenton, N. J. District Offices: D. Gould, 900 First Ave. So., Seattle; J. Godbe, 1740 17th St., San Francisco; G. H. Cederlof, 5340 E. Harbor St., Los Angeles.

**ROGERS CORPORATION**, Oakland at Duro St., Manchester, Conn.—Electrical Specialty Co., in following cities: 418 East 3rd St., Los Angeles; 316 11th St., San Francisco; 1015 21st St., Denver; 2406 1st Ave. So., Seattle.

**ROLLER-SMITH CORP.**, 1000 8th Ave., Bethlehem, Pa.—J. C. McDougall, 520 1st Ave. So., Seattle 4; Anson-Fowler Co., 178 Townsend St., San Francisco; Mark A. Mueller, 1644 Blake St., Denver; Clarence W. Silver Co., 550 W. 7th South St., Salt Lake City; Electric Material Co., 5603 N. Huntington Dr., Los Angeles 32.

**ROLL-A-REEL, INC.**, 327 W. 4th St., Cincinnati, Ohio—Electric Agencies, 618 Second Ave., Seattle; A. B. Smedley, Box 67-C, Pasadena.

**ROME CABLE CORP.**, Ridge St., Rome, N. Y. and Torrance, Calif. (Conduit Plant)—Western Branch Offices and Warehouses: 1100 Selby St., San Francisco 24; 3430 Fourth Ave. South, Seattle 4; 230 South Fourth, West, Salt Lake City 1; 1020 S.W. Taylor St., Portland 5; 2510 South Malt Ave., East Los Angeles 22; and 1160 Elati St., Denver 3.

**ROPER CORPORATION, GEO. D.**, 340 Blackhawk Park Ave., Rockford, Ill.—Branch Offices: 4819 E. 49th St., Los Angeles and 1355 Market St., San Francisco 3; C. A. Christensen, 4685 41st Ave. N. E., Seattle.

**ROSS OPERATING VALVE CO.**, 120 E. Golden Gate Ave., Detroit 3, Mich. — R. W. Atkinson Co., 3713 Santa Fe Ave., Los Angeles 58 and 444 Market St., San Francisco 11; K. B. Bonsall, 2748 S.W. Moss St., Portland 19.

**ROSS-TACONY CRUCIBLE CO.**, State Road and Milnor Sts., Philadelphia, Pa.—E. A. Wilcox Co., 277 7th St., San Francisco 3, 406 S. Main St., Los Angeles 13 and Arctic Bldg., Seattle 4.

**ROTISS-O-MAT CORPORATION**, 10-02 44th Dr., Long Island City 1, N. Y.—J. L. Stulsoft, 1355 Market St., San Francisco; Joseph Ball, 821 N.W. Flanders, Portland; K. Kinrich, 5330 Loma Linal Ave., Los Angeles 27.

**ROYAL ELECTRC CO., INC.**, 95 Grand Ave., Pawtucket, R. I.—Eckert-Lloyd Co., 2115 So. San Pedro, Los Angeles and 144 Townsend St., San Francisco; Northwestern Agencies, 4130 First Ave., South, Seattle; Wm. Benndorf, 401 W. Jackson St., Phoenix and P.O. Box 3033-A, El Paso; The Nuro Co., 414 Houston Bldg., San Antonio, 309 Browder St., Dallas and 134 Palmer St., Houston; The Lawson Wilson Co., 3202 Hedgerow Dr., Dallas; Medill Sales Co., 802 12th St., Denver 4.

**ROYAL ELECTRIC MFG. CO.**, 1122 E. 87th St., Chicago, Ill.—Industrial Eng. & Equip. Co., Subway Terminal Bldg., Los Angeles.

**ROYAL VACUUM CLEANER CO.**, 540 E. 105th St., Cleveland 8, Ohio—J. A. Keim, 26601 Calle California, Capistrano Beach, Calif.; Kaemper - Barrett, 1850 Mission St., San Francisco 3; Dahl-Conger, Inc., 1123 Wazee St., Denver 2; Nevada Machinery & Elec. Co., 121 W. Virginia St., Reno; Radio Television & Appl. Inc., 510 Westlake North, Seattle 9; Schafer-Wright, Inc., 1233 N.W. 12th Ave., Portland 9; Western Royal Vacuum Cleaner Co., 175 East Broadway, Salt Lake City 1.

**RUBY LIGHTING CORP.**, 1212 S. Olive St., Los Angeles 15, Calif.—Dan Radke Co., 754 Natoma St., San Francisco 3; Edward Beasley Associates, 1025 Second Unit Santa Fe Bldg., Dallas; Wm. Brown, Jr., Rte. 2, Box 119, Bellevue, Wash.; Elec. & Mech. Supply Co., 708 N. Piedras St., El Paso; JWR Co., 74 W. 4th St., Salt Lake; Wm. Benndorf Co., 401 W. Jackson St., Phoenix.

**RUGE-deFOREST, INC.**, 84 Mass. Avenue, Cambridge, Mass. — Gerald B. Miller Co., 1355 Market St., San Francisco, 1540 N. Highland Ave., Hollywood, 203½ W. Central Ave., Albuquerque.

**RUGGLES-KLINGEMANN MFG. CO.**, Foster Court, Salem, Mass.—Instrument Sales Co., 2137 Second Ave., Seattle 1; O. J. Grendahl & Son, P. O. Box 897, Phoenix; C. H. Spencer & Co., 1421 So. Main St., Salt Lake City 4; Hendrie & Bolthoff Co., 1635 17th St., Denver 21; Charles Meriam Co., 4760 E. Olympic Blvd., Los Angeles 22; Ref. & Power Spec. Co., 380 Brannan St., San Francisco 7.

**RUSGREEN MFG. CO.**, 14262 Birwood Ave., Detroit, Mich.—L. R. Ward Co., 2711 Commerce St., Dallas; A. B. Smedley, P. O. Box 67-C, Pasadena; K. M. Ryals, 461 Market St., San Francisco; Keeler, White Co., 422 N.W. 4th Ave., Portland; 1041 S. 6th Ave., Seattle and 204 Keith Bldg., Denver; O. J. Grendahl & Son, 726½ E. Portland Ave., Phoenix.

**RUSSELL, BURDSALL & WARD BOLT AND NUT CO.**, 4466 Worth St., Los Angeles, Calif. —Branch Office: 1440 Broadway, Oakland, Calif. Representatives: Gillette & McLaren, 309 S.W. 3rd Ave., Portland and 816 Arctic Bldg., Seattle.

**RUSSELL MFG. CO.**, Industrial Heights, Middletown, Conn.—Russell Mfg. Co., 632 Polk St., San Francisco.

**RUSSELL & STOLL CO., INC.**, 125 Barclay St., New York City, N. Y.—Eichorn & Melchior, 501 Indiana St., San Francisco; E. A. Will, 534 First Ave. So., Seattle 4; Allied Industries, 412 Seaton St., Los Angeles.

**RUTENBER ELECTRIC CO.**, 201 E. Charles, Marion, Ind.—Frank H. Barstow, 1406 So. Grand Ave., Los Angeles; W. E. Gnadt, 435 Atlas Bldg., Salt Lake City; Lloyd D. Marsh, 2601 First Ave., Seattle.

**S & C ELECTRIC CO.**, (Formerly Schweitzer & Conrad), 4435 Ravenswood Ave., Chicago, Ill.—Western representatives: Charles E. Klaus Co., 1004 S. E. Belmont, Portland 14; George E. Honn Co., 420 Market St., San Francisco 11; H. J. Randolph Company, 736 Santa Anita St., San Gabriel, Calif.; Muth-Richards Co., 700 5th Ave. South, Seattle 4; A & A Supply Co., 114 No. Morningside, P. O. Box 1516, Albuquerque; Riter Engineering Co., Kearns Bldg., Salt Lake City; Peterson Company, 4949 Colorado Blvd., Denver 16.

**SKF INDUSTRIES, INC.**, Front & Erie Ave., Philadelphia 32, Pa.—Branch Offices: 979 Bryant St., San Francisco 3, J. C. Bowman, Manager; 1419 . So. Flower St., Los Angeles 15, W. F. Weidner, Mgr.; 1625 N. W. Hoyt St., Portland 9, E. Isopera, Mgr.; 1420 18th St., Denver 2, A. H. Dixon, Mgr.; 920 Second Ave., Seattle, R. M. Parrish, Mgr.

**S K J ELECTRICAL CO.**, 340 Stanton St., New York City 2—J. H. Kay, 4807 Beverly Blvd., Los Angeles.

**S & M LAMP CO.**, 119 West 36th Place, Los Angeles, Calif.—Dan H. Radke, 754 Natoma St., San Francisco; Paul Waterbury, 119 West 36th Place, Los Angeles; John Hancock, 2921 Fairmount, Dallas; John Allen Ware, 301 West G St., San Diego and 4807 No. 29th Place, Phoenix; Donald S. and Frederick E. Gleason, 901 East 45th St., Seattle 5.

**SAFETY ELECTRIC COMPANY**, 53 W. Jackson Blvd., Chicago, Ill.—Panama Lamp & Com'l. Co., 325 9th St., San Francisco; 326 S. San Pedro, Los Angeles; 568 1st Ave. So., Seattle.

**SAFETY ELECTRIC EQUIPMENT CO.**, 2 Linares Ave., San Francisco 22, Calif.

**SAFETY LIVE LINE TOOL CO.**, 1420 6th Ave., Oakland, Calif.

**SAFE-T-SEAL LABORATORIES**, 6705 Sunset Blvd., Los Angeles, Calif.—Safety Seal Co., 132 W. Verdugo Ave., Burbank, Calif. (See ad, p. 61.)

**SAFETY SWITCHBOARD CO. INC.**, 1445 Stevenson St., San Francisco, Calif. (See ad, p. 67.)

**ST. LOUIS MALLEABLE CASTING CO.**, 7701 N. Conduit Ave., St. Louis, Mo.—Lippincott & Co., Inc., in following cities: 1052 W. 6th St., Los Angeles 17; 461 Market St., San Francisco 5; 911 Western Ave., Seattle 4; Maydwell & Hartzell, Inc., in following cities: 427 W. 5th St., Los Angeles 13; 158 11th St., San Francisco 3; 306 Dexter Ave., Seattle 4; 1238 N.W. Glisan St., Portland 9; 814 Paulsen Bldg., Spokane, 210 W. Adams St., Phoenix.

**SALISBURY & CO.**, W. H., 401 N. Morgan St., Chicago, Ill.—R. E. Cunningham & Son, Pacific Mutual Bldg., Los Angeles; Graybar Electric Co., Inc., and Line Material Co., all principal cities.

**SAMSON UNITED CORP.**, 1700 University Ave., Rochester, N. Y.—J. W. Marsh Co., 1517 W. Pico Blvd., Los Angeles; The Bennet Co., 837 Howard St., San Francisco; W. W. Wheat & Associates, 560 First Ave. South, Seattle; Peyser & Co., 1501 N. Weber St., Colorado Springs, Colo.; Martin Van Brauman Co., Dallas.

**SANGAMO ELECTRIC CO.**, 1301 No. 11th St., Springfield, Ill.—T. S. Wood, 220 9th Ave., N., Seattle 9; L. A. Nott, 1061 Howard St., San Francisco 3; H. W. Wittenburg, 1206 So. Maple Ave., Los Angeles 15; Mountain States Machinery, 1526 Blake St., Denver 2; Frank Gorman, 1701 Texas St., El Paso; J. E. Redmond, 625 West Madison, Phoenix; R. E. McDonough, 726 S. Arizona, Butte, Mont.

**SARGENT & CO.**, (Schollhorn Div.) 45 Water St., New Haven, Conn.—Robert Trefcer, Western Sales Mgr., 1624 Balboa Way, Raypark, Burlingame, Calif.

**SARGENT-RAYMENT CO.**, 1401 Middle Harbor Road, Oakland 20, Calif.—Branch Office: Paul Wiley, 1406 S. Grand Ave., Los Angeles; Burt C. Porter Co., 4310 Roosevelt Way, Seattle.

**SAUEREISEN CEMENTS CO.**, 1045 N. Canal St., Pittsburgh 15, Pa.—Montgomery Brothers in following cities: 1122 Howard St., San Francisco; 2113 So. San Pedro St., Los Angeles 11; 911 Western Ave., Seattle; 1815 N.W. Northrup, Portland.

**SAVE ELCTRIC CORP.**, 615 Front Toledo, Ohio — Distributed thru Verd-A-Ray and Penetray Corps.

**SAYLOR ELECTRIC PRODUCTS CORP.**, 1014 Lynn St., Detroit, Mich.—Branch Plant: 1725 Standard Ave., Glendale, Calif. Western representatives: The Frank H. Bran Company (in following cities), 607 East Sixth St., Los Angeles; 444 Brannan St., San Francisco, and 4130 First Ave. So., Seattle; George E. Anderson Co., 1901 Griffin St., Dallas.

**SAYLOR & SON, FRANK D.**, 13095 Greeley, Detroit, Mich.—Allied Industries, 412 Seaton St., Los Angeles; E. A. Will, 534 First Ave. South, Seattle 4.

**SCHAUB ENGINEERING CO.**, Fred H., 2112 S. Marshall Blvd., Chicago, Ill.—Johnson Eng. Co., 534 20th St., Oakland.

**SCHAUER MFG. CORP.**, 4521 Alpine Ave., Rossmoyne (Cincinnati) Ohio—Barstow & Doran, 1406 S. Grand Ave., Los Angeles; W. H. Connors Co., 1590 Eudora St., Denver; Dean Lewis Associates, 1355 Market St., San Francisco; C. B. Parsons & Co., 3028 First Ave., Seattle 1.

**SCHENECTADY VARNISH CO., INC.**, Congress & 9th Ave., Schenectady, N. Y. — Electrical Specialty Co., in following cities: 316 11th St., San Francisco 3; 418 East 3rd St., Los Angeles 13; 2406 First Ave. South, Seattle 4; 1015 21st St., Denver 2.

**SCHICK INC.**, 45 Garden St., Stamford, Conn.—Branch Offices: 681 Market St., San Francisco; 443 S. Spring St., Los Angeles; Third and Pike Sts., 328 Republic Bldg., Seattle; 922 Eighth Ave., San Diego; 250 East First St., Long Beach; 9365 Wilshire Blvd., Beverly Hills, Calif.; 621 S.W. Morrison, Portland.

**SCHOTT CO., WALTER L.**, 3225 Exposition Place, Los Angeles 18, Calif.—Charles N. Meyer, 1355 Market St., San Francisco; John B. Tubergen, 2232 W. 11th, Los Angeles; Frank Wedel, 3215 Western Ave., Seattle; M. F. Kliepera, P.O. Box 3113, Houston; Harry A. Moore, 4142 N. 18th St., Phoenix.

**SCHWAGER-WOOD CORP.**, 8024 S.W. 35th Ave., Portland, Ore.—Love Electric Co., 732 Pacific Ave., Tacoma 2; K. M. Ryals Co., 461 Market St., San Francisco 5; Slaybaugh-Thompson Co., 100 West 13th Ave., Denver 4; A. B. Smedley, P. O. Box 67-C, Pasadena; Clarence W. Silver Co., 550 W. 7th South St., Salt Lake City 4.

**SCIENTIFIC LUBRICANTS CO.**, 3469 N. Clark St., Chicago, Ill.—O. L. King, 436 Clementina St., San Francisco 3.

**SCOTT & FETZER CO.**, 1920 W. 114th St., Cleveland 2, Ohio—Kirby Parts Corp., 420 N. Broadway, Portland 12.

**SCOTT INC., HERMAN HASMER**, 385 Putnam Ave., Cambridge Mass.—C. B. Parsons & Co., 3028 First Ave., Seattle 1; Nickerson & Rudat, 381 Brannan St., San Francisco 7; Harry Feldman Co., 400 W. Pico Blvd., Los Angeles 15; Allen I. Williams, 230 Cooper Bldg., Denver 2.

**SCOTT RADIO LABORATORIES, INC.**, 4541 Ravenswood Ave., Chicago, Ill.—Paul H. Rice Co., 1355 Market St., San Francisco; Floyd Yudelson Co., 1151 S. Broadway, Los Angeles 15.

**SEALOL CORP.**, 45 Willard Ave., Providence 5, R.I.—C. J. Gratiot & Sons, 525 So. Crocker, Los Angeles; 1282 Folsom St., San Francisco.

**SEAMLEX, INC.**, 41 24th St., Long Island City, N. Y.—Belilove Co., 420 Market St., San Francisco.

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**SECHRIST MFG. CO., ALBERT**, 1717 Logan St., Denver, Colo.—General Electric Supply Corp. all principal cities.

**SEELY INSTRUMENT CO., INC.**, 377 Fourth St., Niagara Falls, N. Y.—Western Control Equip. Co., 2700 W. 3rd St., Los Angeles, and San Francisco.

**SEGIL CO., L. J.**, 2500 W. North Ave., Chicago, Ill.—Frank Steiner, 807 W. 11th St., Los Angeles; Al Slater & Associates, 9011 15th Ave., N.E., Seattle; Milton Levkovitz, 4158 E. Hawthorne, Tucson; Reuben Lagerstrom, 2739 10th Ave., Oakland 6; Joe E. Pearce, P.O. Box 796, Albuquerque; Robt. R. Wolney, 1069 Monroe St., Denver.

**SENSITIVE RESEARCH INSTRUMENT CORP.**, 9 Elm Ave., Mt. Vernon, N.Y.—Neely Enterprises, 7422 Melrose Ave., Los Angeles; 1317 15th St., Sacramento; 2830 Geary Blvd., San Francisco 18; 1029 Rosecrans St., San Diego; 32 W. Jefferson St., Phoenix, Ariz.; 107 Washington St., S. E., Albuquerque; Instrument Service Labs. Ltd., 21 W. Broadway, Vancouver, B.C.

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**SEPCO CORP.**, 860 Cross St., Pottstown, Pa.—Paul Porter, 801 N. Lake Ave., Pasadena.

**SEQUOIA PROCESS CORP.**, 881 Douglas Ave., Redwood City, Calif.—Eichorn & Melchior, 501 Indiana St., San Francisco; Irv. M. Cochrane Co., 408 S. Alvarado St., Los Angeles; George E. Anderson Co., 1901 Griffin St., Dallas; Ben T. Clark, 5028 W. 34th Ave., Denver.

**SERV-ALL MFG. CO.**, 3251 N. Hoyne Ave., Chicago, Ill.—Allen & Dare, 1322 W. 11th St., Los Angeles 15; Pete Bach Electric, 1233 N.W. 12th Ave., Portland 9; Allen B. Carpenter Co., 820 12th St., Denver 4; Edw. C. Beasley & Associates, 1025 2nd Unit Santa Fe Bldg., Dallas 2.

**SERVALL CO.**, 3572 Gratiot Ave., Detroit, Mich.—Electric Appliance Serv. Corp., in following cities: 726 W. Venice Blvd., Los Angeles; 302 17th St., San Diego; 1434 Howard St., San Francisco; Ray Jones Washing Machine Co., 376 Broadway, S., Denver 9; W. L. May Co., Inc., 215 N.W. Park Ave., Portland; Appl. Parts & Service Co., 216 Stewart St., Seattle and West 609 Trent St., Spokane.

**SEYMOUR TOOL & ENGINEERING CO.**, Seymour, Ind. — O. B. Wilt Co., 1355 Market St., San Francisco.

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**SHELDON ELECTRIC CO.**, Div. of Allied Elec. Prod., 76 Colt St., Irvington 11, N. J.—Branch Office: 2724 Leonis St., Los Angeles; G. D. Norris Co., 3010 First Ave., Seattle; E. L. Berman Co., 758 Natoma St., San Francisco; Lee B. Naylor Co., 1250 1st Ave. South, Seattle.

**SHELL OIL CO., INC.**, San Francisco.

**SHEPLER MFG. CO.**, 1312 Sheffield St., Pittsburgh, Pa.—F. L. Guenther, 1208-10 West, Seattle; E. R. Young, P. O. Box 903, Billings, Mont.; E. H. Rumer, 1037 Second Ave., Salt Lake City; J. D. Sheehan & Associates, Box 1346, Dallas; Kent Eng. Co., P. O. Box 1287, Denver 1; E. L. Berman, 758 Natoma St., San Francisco.


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**SIGNAL ELECTRIC MFG. CO.,** 1821 13th St., Menominee, Mich.—Kenneth Anderson Co., 412 Seaton St., Los Angeles; Keeler, White Co., in following cities: 615 7th St., San Francisco; 1041 6th Ave. S., Seattle; 322 N. W. 4th Ave., Portland; 2046 Arapahoe St., Denver.

**SIGNAL ENG. & MFG. CO.,** 154 W. 14th St., New York City—H. H. Van Luven Co., 537 Ceres Ave., Los Angeles 13; W. J. Mountford, 7306 Harrisburg Blvd., Houston; Albert S. Knight, 3010 Western Ave., Seattle; W. N. Wright, Dallas; Richard-Conant, 2415 15th St., Denver 11.

**SIGNAL INDICATOR CORP.,** 42 Stewart Ave., Brooklyn, N. Y.—Harry A. Lasure Co., 2216 West 11th St., Los Angeles; George D. Norris Co., 3010 First Ave., Seattle; Berthold Sales Co., P. O. Box 1052, Dallas.

**SILENT HOIST & CRANE CO.,** 853 63rd St., Brooklyn 20, N. Y.—Branch Office: 3008 E. Olympic, Los Angeles.

**SILENT SIOUX CORP.,** 208 W. College Ave., Orange City, Iowa.—Earl E. Eckstrom & Associates, 2601 Second Ave., Seattle.

**SILEX CO., THE,** 80 Pliny St., Hartford, Conn.—Branch Office: E. H. Barker, 2009 E. 25th St., Los Angeles 21; A. L. Anderson, 2058 17th Ave., San Francisco; Lowell O'Connor, 7225 Northeast Prescott, Portland 13; W. D. Sales Co., 2527 Albion St., Denver; (Restaurant Equip.) Seymour H. Kadin, 950 So. Flower St., Los Angeles.

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**SIMONDS MACHINE CO., INC.** 246 Worcester St., Southbridge, Mass.—M. A. Stolaroff, 4614 Northridge Dr., Los Angeles.

**SIMPLET ELECTRIC CO.,** 3600 W. Potomac Ave., Chicago, Ill.—W. A. McGuire, 923 E. 3rd St., Los Angeles; F. C Henkel, 317 Builders Exchange, Portland; The Darger Co., 328 West 2nd South St., Salt Lake City; G.M. Howard & Associates, 782 Bryant St., San Francisco. (See ad, p. 44.)

**SIMPLEX MFG. CO.,** Franklin & Merritt Sts., Auburn, N. Y.—Degen-Fiege Co., 1733 E. 15th St., Los Angeles.

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**SIMPSON ELECTRIC CO.,** 5208 W. Kinzie St., Chicago 44, Ill.—R. G. Bowen, 446 Broadway, Denver 10; D. H. Burcham, 917 S. W. Oak, Portland 5; C. R. Lynch, 210 W. 7th St., Los Angeles 14; W. J. Purdy, 79 Ninth St., San Francisco 3.

**SISSELL CO., INC., LLOYD L.,** 4326 E. 3rd St., Los Angeles 22, Calif.

**SKIL CORP.,** 5033 Elston, Chicago 30, Ill.—Branch Offices: 2730 S. Broadway, Los Angeles; 285 S. Van Ness Ave., San Francisco; 818 John St., Seattle; 524 N.W. 6th Ave., Portland; N. 2226 Division St., Spokane; 4462 York St., Denver.

**SLADE MFG. CO.,** 140 Roseville Ave., Newark, N. J.—Panama Lamp & Com'l Co., 325 9th St., San Francisco; 326 S. San Pedro, Los Angeles; 568 1st Ave., S., Seattle; Colorado West Sales Co., 501 Broadway, Denver.

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**SMITH CO., S. MORGAN,** 500 Lincoln St., York, Pa.—District Office: Ross L. Mahon, Mgr., 68 Post St., San Francisco 4. Agents: E.A. Finkbeiner, 609 Lewis Bldg., Portland 4; E. N. Hallgren Co., 1252 First Ave. South, Seattle 4; Water Works Supply, 448 S. Hill St., Los Angeles 13, and 681 Market St., San Francisco.

**SMITH CORP., A. O.,** 3533 N. 27th St., Milwaukee 1, Wis.—Pacific Coast Division Plants and Permaglas-Heating Div., Western Div. Sales Office: 5715 Smithway St., Los Angeles 22. Electric Motor Div. Sales Offices: 5715 Smithway St., Los Angeles 22; 155 Sansome St., San Francisco 4; 1338 4th Ave. and Union, Seattle 1; P.O. Box 803, Sacramento 4; P.O. Box 1721, Boise; 930 17th St., Denver 2; 2820 Canton St., Dallas and 815 Walker St., Houston; Product Service Div., West Coast Branch: 66th at Shore Freeway, Oakland 21 and 2820 Canton Rd., Dallas.

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**SMOOT-HOLMAN CO.,** 321 N. Eucalyptus, Inglewood, Calif.—Branch Offices: C. E. Smoot, Jr., 55 Mississippi St., San Francisco; Peter Smoot, 4215 Graustark, Houston. Agents: Fred Zaugg, 907 N.W. Irving St., Portland; J. R. Christensen, 247 E. 5th South St., Salt Lake City 3; F. C. Scharr, 441 Dexter Horton Bldg., Seattle; Gordon Laursen, 512 W. Granite Ave., Albuquerque.

**SOAPSTONE DUCT CO.,** 110 Linfield Drive, Menlo Park, Calif.—Maydwell & Hartzell, Inc., 158 Eleventh St., San Francisco 3; 427 W. Fifth St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; 306 Dexter Ave., Seattle 4; 814 Paulsen Bldg., Spokane 8 and 210 West Adams St., Phoenix. (See adv., page 45.)

**SOLA ELECTRIC CO.,** 4633 W. 16th St., Chicago 50, Ill.—Edward S. Sievers, 5171 Hollywood Blvd., Los Angeles 37; Joseph M. Smith, 2029 Sunset Blvd., Los Angeles; Northwestern Agencies, 4130 1st Ave. S., Seattle 4; Slaybaugh & Thompson, 100 W. 13th St., Denver; James B. Stuart, 4401 Caruth St., Dallas.

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SPAULDING FIBRE CO., INC., 310 Wheeler St., Tonawanda, N. Y.—C. D. LaMoree (Distributor) 1325 San Julian St., Los Angeles 15; 2221 Fourth St., Berkeley 2; 317 N. W. Broadway, Portland 9, and 166 Jackson St., Seattle 1.

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SPEED QUEEN CORP., Ripon, Wisconsin—E. F. Chemnitz Co., 1355 Market St., San Francisco 3; J. R. Brem, 1148 So. Grand Ave., Los Angeles 15; E. E. Eckstrom & Associates, 2601 Second Ave., Seattle 1; Bruce Benz, 4568 N.E. 80th, Portland.

SPEEDWAY MFG. CO., 1834 So. 52nd Ave., Cicero, Ill.—Denham Sales Service, 538 Polk St., San Francisco; Fred G. Littlejohn, 4511 Melrose Ave., Los Angeles 29.

SPENCE ENGINEERING CO., INC., 29-41 Grant St., Walden, N. Y.—Karl H. Norby, 644 Skinner Bldg., Seattle 1; Harold W. McKenzie, 100 Builders Exchange Bldg., Portland 4; Hickman Eng. Co., 420 Market St., San Francisco 11; Guy L. Warden & Sons, 209 West 12th St., Los Angeles 15; Pace-Turpin & Co., 726 So. 3rd St., Salt Lake City; Boyd Eng. Co. Inc., 718 N. Stanton St., El Paso; Peerless Bros. Agencies, Ltd., 3671 Main St., Vancouver, B.C.

SPENCER THERMOSTAT CO., 34 Forest St., Attleboro, Mass.—F. H. Appleton, 865 Victoria Dr., Pasadena 7.

SPENCER TURBINE CO., 486 New Park Ave., Hartford 7, Conn.—Branch Office: 656 So. Los Angeles St., Los Angeles; Scott Equipment Co., 55 Brady St., San Francisco.

SPERO ELECTRIC CORP., 18222 Lanken Ave., Cleveland 8, Ohio—Hockensmith Sales, 1262 So. Boyle Ave., Los Angeles; Pete Bach, 1233 N. W. 12th Ave., Portland.

**SPERTI-FARADAY, INC.,** 1322 E. Church St., Adrian, Mich.—Wm. Benndorf, P.O. Box 1926, Phoenix; Gaer, Florance & Associates, P.O. Box 3096, E. Colfax Sta., Denver; Charles A. Meier Co., 1473 Harrison, San Francisco; Leonard Slusser, 318 Dooly Bldg., Salt Lake City 1; W. W. Wheat & Son, 560 First Ave., So., Seattle 4; Robert M. Schow, 1709 W. 8th St., Los Angeles 17. (See adv., page 65.)

SPRAGUE ELECTRIC CO., 175 S. Alvarado St., Adams, Mass.—Branch Office: 11325 Washington Blvd., Culver City, Calif.; Wm. J. Purdy, 420 Market St., San Francisco; Dale Weber, 234 Sherlock Bldg., Portland.

SQUARE D COMPANY, Western Division, 4335 Valley Blvd., Los Angeles 32, Calif.—Branch Offices and also *Factories, 1409 Dearborn, *Seattle 44, South 123 Madison, Spokane, 260 East 11th Ave., Eugene, 1720 S. W. Harbor Dr., Portland, Room 604, Calif., Theatre Bldg., San Diego, 211 Industrial St., *San Francisco 24, 2740 14th St., Sacramento. Agents: Stevens Sales Co., 1482 Major St., Salt Lake City; Sun Valley Elec. Mfg. Co., 710 West Colfax, Denver, 1624 N. First, Albuqurque; and 106 E. Buchanan, Phoenix Electrical Equip. Co., 561 Divisadero, Fresno, Calif.; A. E. Linzer, 307 Lilioukalani, Honolulu, T.H.

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STANDARD OIL CO. OF CALIF., 200 Bush St., San Francisco, Calif.—Sales Offices: Oakland, Los Angeles, Long Beach, San Diego, Bakersfield, Sacramento, Fresno, Phoenix, Portland, Salt Lake City, Spokane and Seattle.

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STANDARD TRANSFORMER CO., 140 Dana St., N.E. Warren, Ohio—Kirk-Palka Co., 415 Wall St., Los Angeles 13 and 420 Market St., San Francisco 11; J. C. McDougall, 520 1st Ave. South, Seattle 4; A. J. Eiggren & Sons, 428 S.W. Temple St., Salt Lake City; Nelson English, 1231 N.W. Hoyt St., Portland 9; Southwestern Co., 630 Security Bldg., Phoenix; Mark G. Mueller Co., 1644 Blake St., Denver 2; Industrial Equipment Co., Houston.

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STATES COMPANY, THE, 19 New Park Ave., Hartford, Conn.—Western representatives: George E. Honn Co., 420 Market St., San Francisco; Arthur E. Booth Co., 265 S. Alexandria Ave., Los Angeles 4; G. L. Hoffman, 3007 S.W. Nebraska St., Portland 19; Mountain States Machinery Co., 1526 Blake St., Denver; Conely Engineering Co., 165 So. 1st West St., Salt Lake City; J. E. Redmond Co., 625 W. Madison St., Phoenix; F. W. Gorman, P. O. Box 861, El Paso; W. C. Fowler, 2424 Colonial Parkway, Fort Worth.

STA TITE MFG. CO., 1016 Central, Kansas City, Mo.—W. W. Wheat & Sons, 560 1st Ave. So., Seattle; James C. Pope, Jr., 1421 So. Flower, Los Angeles.

STEAM ELECTRIC MFG. CO., 3456 S. Grand, St. Louis, Mo.—Martin Dist. Co., 175 Jesse St., San Francisco 5.

STEBER MFG. CO., 2700 Roosevelt Road, Broadview, Ill.—Hodges & Glomb, 1264 Folsom St., San Francisco 3; Murphy-Hain Co., 720 E. Second St., Los Angeles 12; Northwestern Agencies, 4130 First Ave., South, Seattle 4; Allen B. Carpenter Co., 820 Twelfth St., Denver 4; Jack Morgan Co., 335 Cole St., Ave., Dallas 2.

STEEL CITY ELECTRIC CO., 1207 Columbus Ave., Pittsburgh, Pa.,—Geo. E. Anderson Co., 1903 Griffin St., Dallas 2; Garnett Young & Co. (Hawaiian representative), 390 Fourth St., San Francisco 7; Hodges & Glomb, 1264 Folsom St., San Francisco 3; Murphy-Hain Co., 720 E. 2nd St., Los Angeles 12; Northwestern Agencies, 4130 First Ave., South, Seattle 4; Fred E. Staible & Sons, 2046 Arapahoe St., Denver 2; Elec'l. Eng. & Sales, Box 3143, El Paso.

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(Continued on Page 46)


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**Herman D. Steel Co.**—Continued San Francisco; J. G. Corrin, 600 So. Highland Ave., Los Angeles 36; Len Powell, 2101 Corinth, Dallas; Frank W. Gorman, Box 223, El Paso.

**STEELDUCT CO.**, Republic Bldg., Youngstown, Ohio—Tri-State Supply Corp. in following cities: Tri-State Supply Corp., 544 So. San Pedro St., Los Angeles 13; 554 Bryant St., San Francisco 7; 318 Occidental Ave., Seattle; L. S. Reed & Co., 1018 Lawrence St., Denver 4.

**STEEL & TUBES DIV., REPUBLIC STEEL CORP.**, 200 E. 131st St., Cleveland, Ohio — Branch Offices: D. S. Humiston, Branch Mgr., Los Angeles; A. V. Grove, Branch Manager, San Francisco; J. K. Garretson, Branch Mgr., Republic Steel Corp. Sales Office, Denver. Agents: C. D. Belt & Co., Denver; Shaffer & Nelson, Portland and Seattle.

**STEMM BROS., INC.**, 14th and Commercial, Leavenworth, Wash.—Hundley Co., 3532 Fletcher Dr., Los Angeles 65; C. C. Johns Co., 908 Public Service Bldg., Portland; Stratton Equip. Ltd., 1305 W. Georgia St., Vancouver 5, B. C. Export only: Star Machinery Co., 1741 1st Ave. South, Seattle.

**STERLING ELECTRIC MOTORS, INC.**, 5401 Telegraph Road, Los Angeles 22, Calif.—District Office: San Francisco: John W. Rieker, Mgr., 1712 First Ave., South Seattle; C. C. Conley, Mgr., 519 N. W. Park Ave., Portland; James R. Hughes, Box 145, Denver; O. M. MacNaMa, 5401 Telegraph Rd., Los Angeles; John F. Ingle, 1 South Park, San Francisco.

**STERLING SIREN FIRE ALARM CO.**, 56 Allen St., Rochester, N. Y.—H. H. Van Luven Co., 120 S. Hewitt, Los Angeles.

**STERLING VARNISH CO.**, Haysville Borough, Sewickley, Pa.—Western Fiberglas Co., 739 Bryant St., San Francisco 7 and 937 S. Grand Ave., Los Angeles 15.

**STERN-BROWN, INC.**, 42-24 Orchard St., Long Island City, New York—Branch Office: Meyer J. Hackman, 6557 W. Colgate Ave., Los Angeles; Wm. P. Horn Co., 1355 Market St., San Francisco, and 821 N.W. Flanders St., Portland.

**STEVENS-ARNOLD, INC.**, 22 Elkins St., So. Boston, Mass.—C. B. Parsons, 3028 First Ave., Seattle.

**STEVENS MFG. CO., INC.**, 69 So. Walnut St., Mansfield, Ohio.—G. B. Miller, P.O. Box 1471, Hollywood 28; John Green Co., 6815 Oriole Dr., Dallas 9.

**STEWART STAMPING CO.**, 630 Central Park Ave., Yonkers 4, N.Y.—G. M. Howard Associates, 782 Bryant St., San Francisco 7.

**STEWART-WARNER ELECTRIC**, 1300 N. Kostner Ave., Chicago 51, Ill.—Keyco Distributors, Inc., 512 Second St., San Francisco; Harry L. Shane, Inc., 160 W. 33rd St., Los Angeles 7; Pacific Stationery, 415 S.W. Second Ave., Portland 4; Stusser Elec., 2246 First Ave. So., Seattle 4; True's Dist. Co., 521 E. Sprague, Spokane; ZCMI Distributors, 1665 Bennett Rd., Salt Lake City; Electric Supply, P.O. Box 1353, Albuqueque.

**STICHT CO., INC., HERMAN H.**, 27 Park Place, New York City—James L. Kearns Co., 7930 S.E. Stark St., Portland 16; T. R. Routh Co., 742 Market St., San Francisco 2; L. W. Thompson, 5603 N. Huntington Dr., Los Angeles 32.

**STOCKER & YALE, INC.**, Green St., Marblehead, Mass.—The McLoughlin Co., 811 East 14th Pl., Los Angeles; James Mundstock, 320 Market St., San Francisco; Quality Control Co., 1566 N. Western Ave., Los Angeles.

**STOCKWELL TRANSFORMER CORP. OF OHIO**, 884 W. Waterloo Rd., Akron, Ohio—Central Station Eng. Co., 2323 Aviation Highway, Tucson; C. A. D. Young, 726 Colorado Bldg., Denver 2; Bracken Sales Agency, 923 E. Third St., Los Angeles.

**STONCO ELECTRIC PRODUCTS CO.**, 333 Monroe Ave., Kenilworth, N.J.—The McLoughlin Co., 811 E. 14th Pl., Los Angeles; Bruce-Emmett Co., 830 S. E. Alder, Portland; 2726 First Ave. So., Seattle and 1630 Sherman Ave., Salt Lake City.

**STOVE & CO., ROY C.**, 914 Lafayette, Valparaiso, Ind. — California Ultraviolet, 420 Market St., San Francisco; Leyson Electronic Co., Box 128, Renton, Wash.; Edwin C. Dunn, Box 268, Littleton, Colo.

**STRAIT & RICHARDS, INC.**, 23-43 Selvage St., Newark 8, N.Y.—Sold direct to dealers, jobbers.

**STROMBERG-CARLSON CO.**, 100 Carlson Road, Rochester, N. Y.—Radio Tel. Supply Co., Inc., 341 W. 18th St., Los Angeles 15; Spokane Paper & Stationery Co., 152 So. Jefferson St., Spokane 8; Standard Supply Co., 531 South State St., Salt Lake City; Harry Arnsberg Co., 417 Southwest 12th Ave., Portland 5.

**STROMBERG TIME CORP.**, 109 Lafayette, New York 13, N.Y.—D. J. Burton, 1817 Third Ave., Los Angeles 19; R. E. Peters Co., 420 Market St., San Francisco 11; Eicher & Co., 263 Colman Bldg., Seattle 4; Krippner & Polley, 1166 Elati St., Denver 4; Geo. W. Goddard Co., 24th St. and Wall Ave., Ogden.

**STRUTHERS-DUNN, INC.**, 150 N. 13th St., Philadelphia, Pa.—Eicher & Co., 263 Colman Bldg., Seattle 4; Edward S. Sievers, 5171 Hollywood Blvd., Los Angeles 27 and 926 Natoma St., San Francisco; J. Y. Schoonmaker, 2011 Cedar Springs; Dallas 1; Eichorn & Melchior, 501 Indiana St., San Francisco.

**SUFLEX CORP.**, 33-40 57th St., Woodside 77, New York—Tri-State Supply Corp., 544 S. San Pedro St., Los Angeles; 554 Bryant St., San Francisco and 318 Occidental Ave., Seattle.

**SULTAN ELECTRIC CO.**, 747 So. San Pedro, Los Angeles, Calif.—Panama Lamp & Commercial Co., 325 9th St., San Francisco.

**SUNBEAM CORPORATION**, 5600 W. Roosevelt Rd., Chicago 50, Ill.—Branch Offices: Charles L. Moore, Western Sales Mgr., 1500 Mirasol Dr., San Marino, Calif.; Mark Austin, 1712 Orchard Dr., Salt Lake City. Representatives: John Sandoval, 504 6th St., Hayward, Calif.; John F. Ryan, 2367 Cedar Ave., Long Beach 6; M. E. Stocks, 1293 S. Cloverdale, Los Angeles 19; James R. Wiggle, 1220 Clermont St., Denver; Hugh A. Rank, 2608 E. Willetta St., Phoenix; John Conley, 909 E. 19th, Spokane; G. S. Parshalle, 4427 Santa Cruz Ave., San Diego; Donald Welch, Jr., 147 N. Mariposa, Fresno; Karl Koch, Jr., 2134 S.W. Edgewood Rd., Portland; Donald F. Roche, 718 Central Ave., Billings; Thomas Oughton, 1400 Hubbell Place, Seattle 1.

**SUNBEAM LIGHTING CO.**, 777 E. 14th Place, Los Angeles, Calif.—L. M. Baxter Co., 926 Natoma St., San Francisco; 1220 S.W. Stark St., Portland and 908 Lowman Bldg., Seattle; McGillan Sales Co., Albuquerque; The Darger Co., 328 W. 2nd So. St., Salt Lake City; Stover-Andrews Co., 5322 Cedar Springs Ave., Dallas; G. F. Walters, Jr., 3408 Caroline, Houston.

**SUNROC CO.**, Glen Riddle, Pa.—Branch Office: Western Division, P.O. Box 12456, Los Angeles 64. Sold through leading distributors.

**SUPERIOR CARBON PRODUCTS, INC.**, 9115 George Ave., Cleveland, Ohio—Refrigeration Service, Inc., 3109 Beverly Blvd., Los Angeles; Nye Auto Elec. Co., Broadway at 7th, Baker, Ore.; Armature Shop, 46 E. 4th St., Salt Lake City.

**SUPERIOR ELECTRIC CO.**, 83 Laurel, Bristol, Conn.—Fred W. Carlson, 2307 5th Ave., Seattle 1; J. E. Edstrom, 319 S.W. Washington St., Portland 4; J. C. Van Groos, 1436 No. Serrano Ave., Hollywood; R. E. Snyder, Box 136, Zenith, Wash.

**SUPERIOR ELECTRIC PRODUCTS CORP.**, 1507 Independence St., Cape Girardeau, Mo.—Edward J. Lackner, 680 Bellaire, Denver; Von Stetten Associates, 1355 Market St., San Francisco; J. V. Folsom Co., 301 No. Market, Dallas; Jamees M. Gaisford, 416 W. Olympic Blvd., Los Angeles.

**SUPERIOR FUSE & MFG. CO., INC.**, 221 Hudson St., Hoboken, N. J.—Frank H. Bran Co., 607 E. 6th St., Los Angeles and 444 Brannan St., San Francisco.

**SUPERIOR INSULATING TAPE CO.**, 3109 Lambdin Ave., St. Louis 15, Mo.—E. T. Vonier, 1160 Elati St., Denver; Peabody Bros., 3015 Taylor St., Dallas and M & M Bldg., Houston 2.

**SUSANNE LIGHTING PRODUCTS**, 1515 Gentry St., No. Kansas City, Mo.—R. L. Lamberth, 320 Judah, San Francisco.

**SUPERIOR PORCELAIN CO.**, 931½ Market St., Parkersburg, West Va.—Eckert-Lloyd Co., 2115 So. San Pedro, Los Angeles; Albert S. Knight Co., 3010 Western Ave., Seattle; Thomas D. Noble Co., 210 12th St., San Francisco.

**SUPERIOR SWITCHBOARD & DEVICES CO.**, 410 Schroyer S. W., Canton, Ohio—T. S. Wood, 220 9th Ave. N., Seattle; Pacific Union Metal Co., 3248 Long Beach Ave., Los Angeles; L. A. Nott, 1061 Howard St., San Francisco.

**SUPREME ELECTRIC PRODUCTS CO.**, 194 Vassar St., Rochester 7, N. Y.—A. C. Patterson, P.O. Box 281, Torrance, Calif.

**SUPREME LIGHTING CO.**, 600 E. Turner, Los Angeles, Calif.—Panama Lamp & Com'l Co., 325 9th St., San Francisco; 326 S. San Pedro, Los Angeles; 568 1st Ave. S., Seattle.

**SURETY RUBBER CO.**, N. High St., Carrollton, Ohio — Branch Office: H. A. McIntosh, 544 Market St., San Francisco; Ken Best, 541 1st Ave., Seattle.

**SUTTON CORP., THE O. A.**, 1812 W. Second St., Wichita, Kansas—Northwestern Auto Supply Co., 424 No. Broadway, Billings; Sues, Young & Brown, Inc., 3636 So. Bronson Ave., Los Angeles; Leo J. Meyberg Co., 33 Gough St., San Francisco; Inland Empire Wholesalers, 110 So. Wall St., Spokane; Elec Supplies Dist. Co., San Diego, and El Centro, Calif.; Arizona Hardware Co., 1st & Jackson, Phoenix; Sunland Supply Co., 1200 E. Missouri St., El Paso.

**SWARTZBAUGH MFG. CO.** (See Tropic-Aire, Inc.)

**SWARTWOUT CO.**, 18511 Euclid Ave., Cleveland, Ohio—DePartee Co., 1817 Olive Way, Seattle 4; McCraken-Ripley Co., 2221 N. Albina St., Portland; John L. Harvey Co., S-121 Monroe, Spokane; Gil Moore & Co., 714 W. Olympic Blvd., Los Angeles 31; A. C. LoPrest Co., 551 Minna St., San Francisco 3; Albuquerque Eng. Co., 2722 Hyder Dr., Albuquerque; Williams, Gritton & Wilde, 204 Dooly Bldg., Salt Lake City; Ed. F. Giles Co., 1436 E. 8th Ave., Denver.

**SWIVELIER CO., INC.**, 30 Irving Place, New York City—Keebler & Parrish, 1341 So. Hope St., Los Angeles; George E. Anderson Co., 1901 Griffin St., Dallas; Northwestern Agencies, 4130 First Ave., So., Seattle; H. B. Squires Co., 156 Eighth St., San Francisco; Marshall B. James, 2941 N.W. Quincy, Portland; E. T. Vonier, 1600 Elati, Denver 3; The Darger Co., 328 W. Second, South St., Salt Lake City.

**SYLVANIA ELECTRIC PRODUCTS, 1740 Broadway, New York City**—Branch Offices: Garlan Morse, Director Pac. Coast Sales, 111 Sutter St., San Francisco. Lighting Div.: R. C. Harper, Ltg. Div. Sales Mgr., 2936 E. 46th St., Los Angeles; W. L. Friend, SF Ltg. Div. Sales Mgr., 6450 Hollis St., Emeryville, Calif; C. A. Dickinson, Ltg. Div. Sales Mgr., 3446 E. Marginal Way, Seattle. Tubes Div.: W. G. Patterson, Pac. Coast Regional Mgr., 2936 E. 46th St., Los Angeles; E. A. Larson, Sales Rep., 6450 Hollis St., Emeryville; Ray Guion, Dist. Mgr., 3446 E. Marginal Way, Seattle. Equipment Tubes: F. E. Gilbert, Jr., Div. Mgr., 2936 E. 46th St., Los Angeles. Photographic Div.: Don M. Paul, West Coast Sales Mgr., 2936 E. 46th St., Los Angeles; Howard Luray, Sales Rep., 6450 Hollis St., Emeryville; Television & Radio Sets: District Mgr., Michael R. Maier, 111 Sutter St., San Francisco, R. B. Huey, Dist. Sales Mgr., 2936 E. 46th St., Los Angeles.

**SYNTRON CO.**, Homer City, Pa.—Branch Offices: 8413 State St., South Gate, Calif.; 59 30th St., San Francisco 10; 2310 N. E. Stanton St., Portland; 15223 8th Ave., S., Seattle 88, 66 Post Office Pl., Salt Lake City 5; 1166 Elati St., Denver 4; 2144 N. Campbell Ave., Tucson.

**TACA CABLE STRIPPER MFG. CO.**, 1313 N. Mission Road, Los Angeles, Calif.—W. V. Brainard, 721 Clementina St., San Francisco; Maddox Sales Co., 912½ E. 3rd St., Los Angeles; Gates Co., 200 S. Main St., Salt Lake City and 110 Harvard Dr. S. E. Albuquerque; Northwestern Agencies, Inc., 4130 First Ave. South, Seattle.

**TAFT-PIERCE MFG. CO.**, 44 Mechanic Ave., Woonsocket, R.I.—Machinery Sales Co., 2838 Leonis Blvd., Los Angeles; Machinists Tool Supply Co., 3690 Sante Fe Ave., Los Angeles; Joseph C. Fletcher, 1415 Folsom, San Francisco; B-H-S Machinery Sales, 1274 Folsom, San Francisco; Cragin & Co., 932 First Ave. So., Seattle.

**TAKK CORPORATION**, 26 W. Market St., Newark, Ohio—Ed Ottsman & Sons, 536 Sansome St., San Francisco; E. G. Paules, 1762 W. Vernon Ave., Los Angeles.

**TAL BENDER, INC.**, 417 N. Water St. Milwaukee, Wis. — Fornaciari Co., 821 S. Santa Fe., Los Angeles; Graybar Electric Co., San Francisco and Oakland; Hendrie & Bolthoff Co., 1635 17th Ave., Denver; Montague-Harris & Co., 1075 Folsom St., San Francisco.

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**TAYLOR FIBRE CO.**, Norristown, Penna.—Plant: La Verne, Calif., Mr. E. B. Howard, Mgr.

**TAYLOR-WINFIELD CORP.**, Mahoning, N.W., Warren, Ohio—Denton & Anderson, 1106 Fair Oaks, S. Pasadena, Calif.; Industrial Specialties, 940 S.E. 7th Ave., Portland; Denton & Anderson, 521 W. Jefferson Ave., Dallas; Dawson Mach. Co., 5700 First Ave. S., Seattle; Johnson Supply Co., 1414 Wazee St., Denver.

**TECHNICAL APPLIANCE CORP.**, 1 Taco Ave., Sherburne, N. Y.—James J. Backer, 2321 2nd Ave., Seattle; Lee Owens, 2331 W. Washington Blvd., Los Angeles; David H. Ross Co., 1355 Market St., San Francisco.

**TECHNICRAFT LABORATORIES, INC.**, Thomaston-Waterbury Rd., Thomaston, Conn — Carl A. Stone Associates, 1102 S. Western Ave., Los Angeles.

**TELECHRON**, Dept. of General Elec. Co., Homer Ave., Ashland, Mass.—J. T. Casey, 1151 S. Broadway, Los Angeles; J. J. Burns, 1355 Market St., San Francisco; J. C. Platt, 2213 Fourth Ave., Seattle; James H. Blinn Co., 1140 Speer Blvd., Denver; W. M. Couzens, 2040 Verdugo Knolls Dr., Glendale, Calif.

**TEL-E-LECT PRODUCTS, INC.**, 10001 Minnetonka Blvd., Minneapolis, Minn. — American Equipment and Body Co., 2315 East Fourth St., Los Angeles 33; Schetky Equipment Corp., 1810 S.E. Tenth Ave., Portland; Truck Equip. Co., 3963 Walnut St., Denver 5.

**TELE-TONE RADIO CORP.**, Bayway Terminal, Elizabeth 2, N. J. —Wood & Cies Dist. Co., 2034 E. 48th St., Los Angeles 58.

**TEMPLETON, KENLY & CO.**, 1020 So. Central Ave., Chicago 44, Ill.—Branch Office, 1635 E. 22nd St., Los Angeles 11, Mr. Wm. S. Pine, Mgr.; Graybar Electric Co. and Westinghouse Electric Supply, all principal cities.

**TERMITE DRILLS, INC.**, 99 N. Lotus Ave., Pasadena, Calif.—Clark & Sawyer, 2012 E. 7th St., Los Angeles 21; Fred Benz, 444 Brannan St., San Francisco.

**THERMADOR ELECTRICAL MFG. CO.**, 5119 District Blvd., Los Angeles, Calif.—Branch Offices: Wm. Gribble, 610 16th St., Oakland 12, and John Weber, 2427 42nd North, Seattle 2; E. J. Dold, P. O. Box 735, Dixon, Calif.; W. G. Cline, 812 12th St., Denver 4; Warren Bills, 1501 S. 23rd East, Salt Lake City; J. E. Redmond Co., P. O. Drawer 869, Phoenix; Tucson Electric Supply, 523 E. 10th St., Tucson; State Elec. Supply, 218 N. 3rd St., Albuquerque; Mechanical Supply Co., Inc., Box 3247, Sta. Q, El Paso; Mt. States Distr. Inc., 622 So. State, Salt Lake City 14; Eoff Elec. Co., 156 N. Front St., Salem, Ore.

**THERMO-MAT CO.**, 314 So. Robertson, Los Angeles, Calif.—Sold direct.

**THIEL TOOL & ENGINEERING CO.**, 1417 N. Market St., St. Louis 6, Mo.—Elecrical Industries, 560 9h St., San Francisco; Maddox Sales Co., 912½ E. Third St., Los Angeles; M. Levin, 2438 S. W. 47th Ave., Portland; Wm. Benndorf Co., 401 W. Jackson St., Phoenix; Gordon W. Laursen & Son, 512 W. Granite, Albuquerque; Caro M. Pendergraft, P. O. Box 24, Wells, Nev.

**THOMAS & BETTS CO.**, 36 Butler St., Elizabeth N. J.- Branch Office: Karl G. Kempf, Pac. Coast Dist. Mgr., 459 E. Fourth St., Los Angeles 13; E. L. Johnson, 550 Natoma St., San Francisco; Paul A. Douden Co., 1645 Wazee St., Denver 2; Frank A. Strohecker, 301 Eyres Bldg., Seattle 4.

**THOMAS FLEXIBLE COUPLING CO.**, Maine Ave. & Biddle St., Warren, Pa.—W. A. Hoppe Co., 3305 E. Slauson Ave., Los Angeles 58; Brooks Equipment Co., 636 Potrero Ave., San Francisco; Seattle Equipment & Supply, Inc., 3429 4th Ave. South, Seattle.

**THE R. THOMAS & SONS, CO.**, Washington St., Lisbon, Ohio—Ken H. Best, 541 1st Ave. So., Seattle; George E. Honn Company, 420 Market St., San Francisco; R. E. Cunningham & Son, Pacific Mutual Bldg., Los Angeles 14; R. F. Hamilton & Associates, 1236 Elati, Denver 4; W. H. Eddy Elec. Prod. Inc., P.O. Box 1428, Phoenix; Uunited Elec. Supply Co., 117 W. 4th South St., Salt Lake City 8; Triangle Elec. Supply Co., Box 1731, El Paso; Williamson Sales Co., Dallas and Houston.

**THOMPSON ELECTRIC CO.**, 1111 Power Ave., Cleveland, Ohio—Ernest F. Hauck Co., 1282 Folsom, San Francisco; Peabody Brothers, 3015 Taylor St., Dallas; 804-A M & M Bldg., Houston; Gaer, Florance & Associates, 2052 Humboldt St., Denver; B. T. Heinz Co., Dexter Horton Bldg., Seattle; Bracken Sales Agency, 923 E. Third St., Los Angeles 13.

**THOR CORPORATION**, 2115 S. 54th Ave., Chicago 50, Ill.—Branch Office: Room 957A, 1355 Market St. San Francisco 3; (Headquarters, Western Div.) Appliance Distributors, 213 S. 11th Ave., Phoenix, Ariz; Appliance Distributors, 204 S. Park Ave., Tucson, Ariz. and 1409 Texas St., El Paso; Broili-Parks Company, 2225 19th St., Sacramento 14, Calif.; Jensen-Byrd Company, 314-24 Riverside Ave., P.O. Box 2172, Spokane, Wash.; Kieruff and Company, 725 "L" St., Fresno 1, Calif.; Kieruff and Company, P.O. Box 27, Maywood, Calif.; Covington Dist. Corp., 34 No. Hamilton St., Houston.

**THOMAS CLOCKS, SETH**, 30 Main St., Thomaston, Conn.—Schloss Mfg. Co., 540 Mission St., San Francisco.

**THORDARSON MEISSNER MANUFACTURING DIV.**, Seventh & Belmont, Mt. Carmel, Ill.—R. M. Hardie, 1127 Wilshire Blvd., Los Angeles 14; Clif McLoud, 5522 Colfax Ave. East, Denver 7; R. Minthorne, Weatherly Bldg., Portland 16.

**THREAD-EZY MFG. CO.**, 325 N. Shiawasse St., Corunna, Mich.—Any supply house.

**THRUSH & CO., H. A.**, West 8th St. at Jefferson, Peru, Ind.—M. N. Musgrave & Co., 2019 Third Ave., Seattle 1; 424 Hutton Bldg., Spokane 9; 108 West Burnside St., Portland; Eric Roberts, 417 Market St., San Francisco 5; Hess, Greiner & Polland, 1700 S. Main St., Los Angeles 15.

**TIERNEY ELECTRICAL MFG. CO.**, 2713 1st Ave. S., Seattle 4, Wash.

**TIME-O-MATIC CO.**, 1106 Bahls St., Danville, Ill.—Northwestern Agencies, Inc., 4130 First Ave. S., Seattle 4; L. A. Nott & Co., 1061 Howard St., San Francisco.

**TITAN MFG. CO., INC.**, 701 Seneca St., Buffalo, N.Y.—Don Sluman & Co., 1601 Glen Bar Dr., Lakewood, Colo.; James J. Gaisford Co., 416 W. Olympic Blvd., Los Angeles; Earl Eckstrom & Associates, 2601 2nd St., Seattle; Von Stetten Associates, 1355 Market St., San Francisco.

**TITCHENER & CO., E. H.**, 67 Clinton St., Binghamton, N.Y.—Keeler, White Co., 615 7th St., San Francisco; 436 Colyton St., Los Angeles; 322 N.W. Fourth Ave., Portland; 1041 Sixth Ave., So., Seattle.

**TOASTMASTER PRODUCTS DIV.**, McGraw Electric Co., Elgin, Ill.—See McGraw Elec. Co.

**TOASTWELL CO.**, 620 Tower Grove Ave., St. Louis, Mo.—J. E. Shull & Son, 350 South Central Ave., Los Angeles; Boyd Robertson Co., 212 World Mdse. Mart., Seattle.

**TOBE DEUTSCHMANN CORP.**, Providence Highway, Norwood, Mass.—Douglas H. Loukota Co., 1052 6th St., Los Angeles 17. Distributors: R. V. Weatherford Co., 6921 San Fernando Rd., Glendale 1; Shanks & Wright, 2045 Kettner Blvd., San Diego 1; Kaemper & Barrett, 1850 Mission St., San Francisco and 1940 Ashby Ave., Berkeley 3.

**TOLEDO PIPE THREADING MACHINE CO.**, 1445 Summit St., Toledo, Ohio—C. E. Hartsing, 4291 Leimert Blvd., Los Angeles.

**TOLEDO COMMUTATOR CO.**, 1111 Beehler St., Owosso, Mich.—Electrical Specialty Co., in following cities: 418 E. Third St., Los Angeles; 316 11th St., San Francisco; 1015 21st St., Denver; 2406 First Ave. S., Seattle; J. R. Christensen, 247 E. 5th South, Salt Lake City.

**TOMIC SALES & ENG. CO.**, 4864 Woodward Ave., Detroit, Mich.—Michel Brothers, 1015 E. 16th St., Los Angeles; McMillen - Stanley Sales Corp., 778 Natoma St., San Francisco; Sanderlin Co., 129 First Ave. W., Seattle and 201 S.E. Washington, Portland; Wynne Snoots Co., Dallas, Houston and Lubbock.

**TOPFLIGHT TAPE CO.**, 116 E. Market St., York, Pa.—Branch Offices: Richard Downey, 503 Market St., San Francisco; E. A. Fargo, 3906 Wilshire Blvd., Los Angeles; F. M. Hughes, 422 S. Jay St., Tacoma.

**TORK CLOCK CO. INC.**, 1 Grove St., Mount Vernon, N.Y.—Eichorn & Melchior, 501 Indiana, San Francisco; Allied Industries, 412 Seaton St., Los Angeles 13; Freeman C. Scharr, 441 Dexter-Horton Bldg., Seattle 4; Stevens Sales Co., 41 Post Office Place, Salt Lake City; L. S. Reed & Co., 1018 Lawrence St., Denver 4.

**TOUCH-PLATE MFG. CORP.**, 1766 Seabright Ave., Long Beach, Calif.—L. S. Reed & Co., 1018 Lawrence St., Denver; Glidden Eng. & Equip. Co., 3802 Winchester St., Houston, 2523 McKinney, Dallas; Oscar Hogenson, 95 Connecticut St., Seattle; Wm. J. Cottrell, 11341 S. W. Pacific Hwy., Portland; Wm. Benndorf, P.O. Box 1926, Phoenix; J. R. Christensen, 247 East 5th South, Salt Lake City; Eichorn & Melchior, 501 Indiana St., San Francisco.

**TRACY KITCHENS**, Edgewater Steel Co., P.O. Box 1137, Pittsburgh 30 Pa.—Joe R. Lochrie, 1315 Clay, San Francisco; James E. Gray, P.O. Box 1019, Denver; Ted Kobbervig, 201 Westlake Ave., N. Seattle.

**TRADE-WIND MOTORFANS, INC.**, 5725 S. Main St., Los Angeles, Calif.—W. G. Cline & Co., 812 12th St., Denver 4; Wm. O. Proby & Associates, 135 N. W. Park, Portland 9; 522 First Ave. So., Seattle 9, and 121 S. Madison, Spokane; Fred E. Reck, 232-D W. 36th Ave., San Mateo, Calif.; Ariz. Sales Agency, 301 W. G St., San Diego; Edward L. Petersen Co., 722 Bank of America Bldg., San Diego.

**TRANS-SONICS, INC.**, Bedford Airport, Bedford, Mass.— H. J. Randolph Co., 736 Santa Anita St., San Gabriel, Calif.

**TRANS VUE CORP.**, 500 East 40th St., Chicago, Ill.— Blackman Sales Co., 414-20 So. Western, Los Angeles.

**TRIAD TRANSFORMER MFG. CO.**, 4055 Redwood Ave., Venice, Calif.—Les Logan Co., 530 Gough St., San Francisco; Dave M. Lee, 2517 Second Ave., Seattle; Mel Pearson, 1011 S. Josephine, Denver 9.

**TRIAD ENGINEERING CORP.**, 450 E. Ohio St., Chicago, Ill.—Geraty Eng. Specialties, 380 Colusa Ave., Berkeley 7, Calif.

**TREND CLOCKS, INC.**, 201 E. Main St., Zeeland, Mich.—Davis Distributing Co., 427 S. Western Ave., Los Angeles; L. G. McCullar, 4402 Stigall, Dallas.

**TRENT, INC.**, 201 Leverington Ave., Philadelphia, Pa.—Mine & Smelter Sup. Co., 121 W. 2nd South St., Salt Lake City; Kirk-Palka Co., 415 Wall St., Los Angeles; 420 Market, San Francisco.

**TRINE MFG. CORP.**, 1430 Ferris Place, New York City 61, N. Y. —Ralph W. Sullivan, 420 Market St., San Francisco 11 and 923 E. 3rd St., Los Angeles 13.

**TRIPLETT ELECTRICAL INSTRUMENT CO.**, Harmon Road, Bluffton, Ohio—James J. Becker, 2321 2nd Ave., Seattle 1; Moulthrop & Hunter, 228 9th St., San Francisco 3; Howard M. Saul, 5720 Wilshire Blvd., Los Angeles 36; Gates Co., 200 S. Main St., Salt Lake City; H. George Shefler, P.O. Box 1587, Phoenix.

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**TRICO FUSE MFG. CO.**, 2948 N. 5th St., Milwaukee, Wis.—Albert S. Knight, 3010 Western Ave., Seattle 1; Hughson & Merton, 1270 Bush St., San Francisco 9; H. H. Van Luven, 120 S. Hewitt St., Los Angeles; Wm. E. Brice Co., 1512 Pease Ave., Houston; R. F. Hamilton & Associates, 4715 Watauga Rd., Dallas; The Pape Organization, 2127 S. Holly St., Denver 7.

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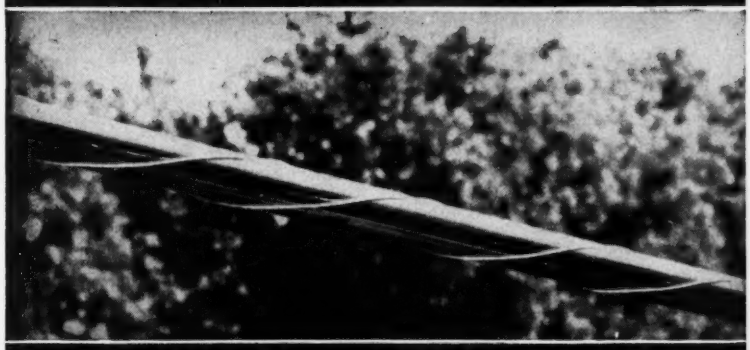

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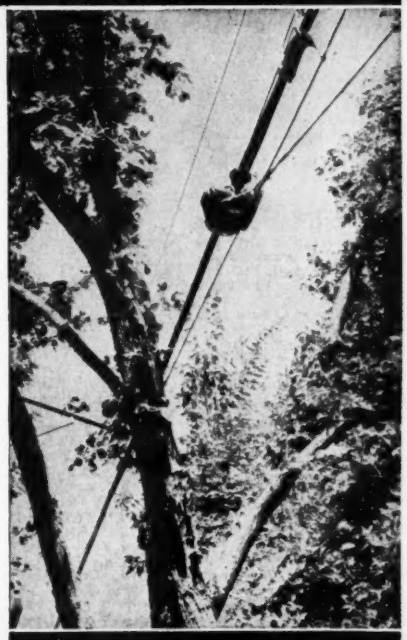

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UNIMAX SWITCH DIV., THE W. L. MAXSON CORP., 460 W. 34th St., New York City—Maydwell & Hartzell, Inc., 158 Eleventh St., San Francisco; M. A. Stolaroff, 4614 Northridge Dr., Los Angeles 43; W. Clif McLoud & Co., 5538 E. Colfax Ave., Denver 7.

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UNION MANUFACTURING CO., 296 Church St., New Britain, Conn.—Joseph C. Fletcher, 1415 Folsom St., San Francisco; David E. Williams, 213 Greenleaf Ave., Whittier, Calif.; D. H. Lundin Co., 1127 E. Northlake, Seattle.

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UNITED ELECTRIC CONTROLS CO., 85 School St., Watertown 72, Mass.—Herman E. Held, 120 Main St., San Francisco.

UNITED ELECTRONICS CO., 42 Spring St., Newark, N.J.— J. T. Hill Sales Co., 800 W. 11th St., Los Angeles 15.

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U. S. ENGINEERING CO., 521 Commercial St., Glendale 3, Calif. —G. M. Howard Associates, 782 Bryant St., San Francisco 7.

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U. S. INSTRUMENT CORP., 409 Broad St., Summit, N.J.—J. T. Hill Sales Co., 800 West 11th St., Los Angeles 15; Edw. F. Aymond, 4310 Maple Ave., Dallas 9. Graybar Electric Co. Inc., all major cities.

U. S. RUBBER CO. (Wire Division), 1230 Sixth Ave., New York City, N. Y.—Western Branch offices: L. M. Guibara, 784 So. San Pedro St., Los Angeles, and Walter Kletting, 160 Motor Ave., Salt Lake City. Agents: F. D. Benz, 444 Brannan St., San Francisco 7; J. C. Bird, 618 Second Ave., Seattle 4; Earl S. Condon, 1151 So. Broadway, Los Angeles 15; F. E. Staible & Sons, 2046 Arapahoe St., Denver.

U. S. RUBBER CO. (Mechanical Goods Div.), 1230 Sixth Ave., New York City, N. Y.—Western Branch Offices: D. N. Meissner, 784 So. San Pedro, Los Angeles; R. H. Bowman, 6025 Third St., San Francisco 24; Walter Kletting, 160 Motor Ave., Salt Lake City, and L. F. Koepp, 630 N.W. 10th Ave., Portland 9.

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UTILITY POLE CO., 601, Union Bank Bldg., Pittsburgh, Pa. — Maydwell & Hartzell, Inc., in following cities: 158 11th St., San Francisco 3; 427 W. 5th St., Los Angeles 13; 1328 N.W. Glisan St., Portland 9; 306 Dexter Ave., Seattle.

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VARIAN ASSOCIATES, 990 Varian St., San Carlos, Calif. — Neely Enterprises, 7422 Melrose Ave., Hollywood; 2830 Geary Blvd., San Francisco; 309 Oehsner Bldg., Sacramento, 1029 Rosecrans St., San Diego; 32 W. Jefferson St., Phoenix; 107 Washington St., S.E., Albuquerque.

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VERD-A-RAY (Penetray Corp.), 615 Front St., Toledo, Ohio—Branch Office: Leonard Holzman, 335 Towne Ave., Los Angeles; V. Bingham, 4315 E. 43rd, Seattle; J. Nicodemus, 230 So. 4th, Salt Lake City; H. G. Shefler, 240 So. 1st, Phoenix.

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VICTOR ELECTRIC PRODUCTS, INC., 2950 Robertson Ave., Cincinnati 9, Ohio—Eric F. Chemnitz Co., 1355 Market St., San Francisco 3, and 1148 S. Grand Ave., Los Angeles 15; L. M. Baxter, 1220 S. W. Stark St., Portland; Allen B. Carpenter Co., 820 12h St., Denver.

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VIKING INSTRUMENT, INC., 400 Towne St., East Haddam, Conn. —G. N. Somerville, 780 Natoma St., San Francisco.

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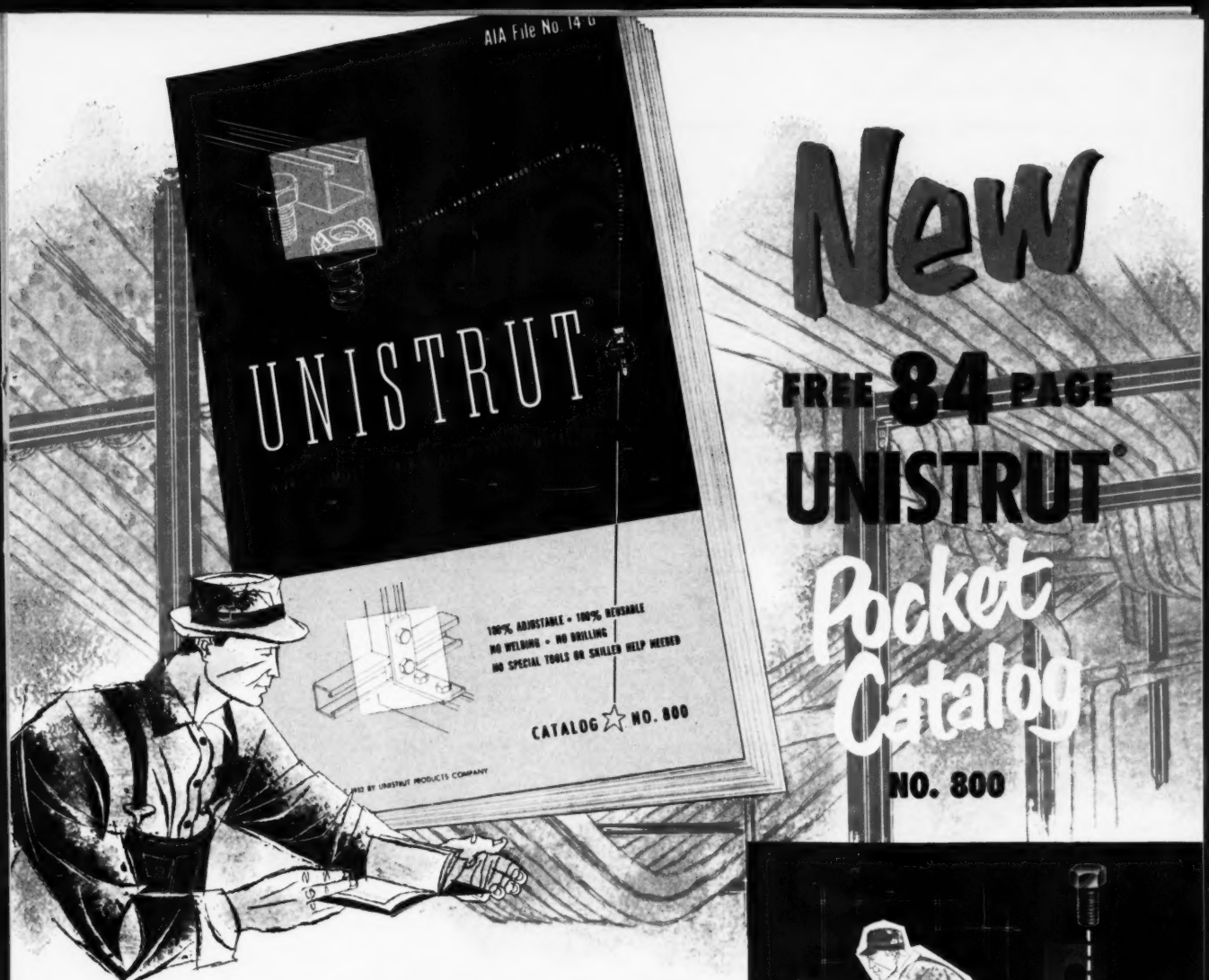


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WAGNER ELECTRIC CORP., 6400 Plymouth Ave., St. Louis 14, Mo.—Branch Offices: A. W. Maas, Branch Mgr., 457 Ninth St., San Francisco 3; L. G. Tandberg, Br. Mgr., 1240 S. Hope St., Los Angeles 15; C. E. Widell, N.W. 9th and Glisan, Portland 9, and 1918 First Ave. S., Seattle 4; H. L. Vaughn, Br. Mgr., 1526 Blake St., Denver 2; R. A. Conely, Br. Mgr., 165 S. 1st West, Salt Lake City 1.

WAGNER MALLEABLE PRODUCTS CO., 222 W. Adams St., Chicago, Ill.—Murphy-Hain Co., 720 E. Second St., Los Angeles 12; Fred E. Staible & Sons, 2046 Arapahoe, Denver 2; Hodges & Glomb, 1264 Folsom St., San Francisco 3; Northwestern Agencies, 4130 First Ave. S., Seattle 4.

WAGNER-WOODRUFF CO., 830 S. Olive St., Los Angeles 14, Calif.

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WALKER BROTHERS, End St., Conshohocken, Pa. — Garnett Young & Co., 390 4th St., San Francisco; 910 E. 3rd St., Los Angeles, and 501 Polson Bldg., Seattle.

WALL MFG. CO., P., Erie and Grant Grove City, Pa.—Kenneth B. Komp Sales Co., 1290 LaCumbre Road, San Mateo, Calif.

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WARD PRODUCTS CORP., Div. Gabriel Co., 1523 E. 45th St., Cleveland, Ohio—H. George Shefler, P. O. Box 1587, Phoenix; A. A. Sinai, 65 9th St., San Francisco; G. S. Marshall Co., 40 S. Los Robles, Pasadena; D. H. Burcham, 917 S. W. Oak St., Portland 5.

WARD LEONARD ELECTRIC CO., 115 MacQuesten Pky. South, Mt. Vernon, N. Y.—Branch Office: 1605 E. Olympic Blvd., Los Angeles 13. Agents: Mark G. Mueller, 1644 Blake St., Denver 2; L. F. Church Co., 750 Natoma St., San Francisco 3; Northwestern Agencies, 4130 First Ave. S., Seattle 4; Leonard M. Slusser, 318 Dooly Block, Salt Lake City 1; Central Station Eng. Co., 2323 Aviation Highway, Tucson; Brance-Krachy, 4411 Navigation Blvd., Houston 5; P. O. Box 463, Corpus Christi, and 419 E. Martin St., San Antonio.

WARE FUSE CORPORATION, 4400 W. Lake St., Chicago, Ill.—Kenneth Anderson Co., 412 Seaton St., Los Angeles 13; Hodges & Glomb, 1264 Folsom St., San Francisco; James L. Kearns Co., P.O. Box 5108, Portland 16; McGillian Sales Co.; 513 S. Amherst, Albuquerque; The Darger Co., 328 W. 2nd South St., Salt Lake City 1.

WARING PRODUCTS CORP., 25 W. 43rd St., New York 36—D. E. Sanford Co., 1049 S. Hill St., Los Angeles; 12th and Howard Sts., San Francisco and 1931 2nd Ave., Seattle; D. H. Sluman & Co., 130 W. 12th Avenue, Denver 4.

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WATLOW ELECTRICAL MFG. CO., 1376 Ferguson Ave., St. Louis, Mo.—Peterson Co., 4969 Colorado Blvd., Denver 16; A. B. Murphy Co., 228 9th St., San Francisco 3; Western Control Equip. Co., 4622 Van Nuys Blvd., Sherman Oaks, Calif.

WAVERLY PRODUCTS, INC. — See Rival Mfg. Co.

WEBSTER CHICAGO CORP., 5610 Bloomingdale Ave., Chicago 39, Ill.—George S. Tivy, 1148 S. Grand Ave., Los Angeles; H. George Shepler Co., 240 S. First Ave., Phoenix; W. J. Purdy Co., 79 Ninth St., San Francisco; Veiner O. Jensen, 2616 Second Ave., Seattle.

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WELCH CO., W. W., 439 Race Street, Cincinnati, Ohio—Ivan J. Ryerson, 7543 Santa Monica Blvd., Hollywood, Calif.

WELKO, INC., 219 W. Chicago, Chicago, Ill.—Henry Lauer, 307 W. 8th St., Los Angeles; Wm. Henry Co., 2327 Delmar, Seattle.

WELDON TOOL CO., 3010 Woodhill Road, Cleveland, Ohio—J. C. Fletcher, 1415 Folsom St., San Francisco.

WELLER ELECTRIC CORP., 808 Packer St., Easton, Pa.—Arnold Sinai, 65 Ninth St., San Francisco 3; Henry Feldman, 400 W. Pico Blvd., Los Angeles 15; Northwestern Agencies, 4130 First Ave. South, Seattle 4; William Connors, 1590 Eudora St., Denver.

WESIX ELECTRIC HEATER CO., 390 First St., San Francisco, Calif. — Branch Offices: C. S. Hicks, Securities Bldg., Seattle 1; C. W. Larue, 335 Terminal Sales Bldg., Portland 5; M. L. Hooper, Brockman Bldg., Los Angeles 14; George Hollister, 1640 San Pablo Ave., Fresno 4; Arthur M. Banchero, 1205 Fitch Way, Sacramento.

WEST BEND ALUMINUM CO., West Bend, Wis.—M. J. Rosenfield 917 S. Olive, Los Angeles 15; Albert Groeschel, 1355 Market St., San Francisco; A. T. McGrath, P. O. Box 215, 5729 Tampa Ave., Tarzana, Calif.; Darwin Pitz, Box 302, Route 1, Mercer Island, Wash.

WEST COAST ELECTRIC MFG. CORP., 10008 S. Main St., Los Angeles, Calif.

WEST WIND CORPORATION, 1800 Airport Way, Seattle 4, Wash.—Gough & Co. Ltd., 569 Beatty St., Vancouver, B. C.; Harold W. Frederick Co., N. 213 Division St., Spokane 8; D. R. Munro, 112 S.W. Pine St., Portland 4; O'Keefe, Inc., 55 11th St., San Francisco 3; Home Elec. Co., 1316 A St., Tacoma 1; Wm. F. Thomas, P. O. Box 836, Boise; Mechanical Equipment Co., 329 11th Ave., Salt Lake City; Palmer Electric Co., 307 Westlake Ave. N., North Coast Electric Co., 171 Jackson St., Stusser Electric Co., 2246 First Ave. S., Westinghouse Electric Supply Co., 1051 First Ave., Seattle Hardware Co., 501 First Ave. S., Seattle; Westinghouse Electric Supply Co., N. 1023 Monroe St., Spokane; Westinghouse Electric Supply Co., 1930 Pacific Ave., Tacoma; Westinghouse Electric Supply Co., 13 S. 7th Ave., Uakima; Westinghouse Electric Supply Co., 949 S. Montana St., Butte; Montana Electric Supply, P. O. Box 1323, Billings; Western Supply & Dist. Co., P. O. Box 1153, Helena; Inland Hardware Co., P. O. Box 492, Pasco.

WESTERN BLOWER CO., 1800 Airport Way, Seattle 4, Wash.—Howard Nielsen Co., 429 S.W. 2nd St., Portland; Harold W. Frederick, Box 186, Spokane; Mechanical Equipment Co., P. O. Box 2332, Salt Lake City; F. W. Berger, Jr., 57 Post St., San Francisco 4; English & Lauer, Inc., 1978 S. Los Angeles St., Los Angeles 11; Von Hamm Young, Ltd., P. O. Box 2630, Honolulu, T. H.; General Equipment Ltd., 1230 Granville St., Vancouver, B. C.

WESTERN ELECTRO-MECHANICAL CO., INC., 300 Broadway, Oakland, Calif.—R. E. Cunningham & Son, 523 W. 6th St., Los Angeles; George Hoffman, 3007 S.W. Nebraska, Portland; Herman E. Held, 120 Main St., San Francisco.

WESTERN INSULATED WIRE CO., 2425 E. 30th St., Los Angeles, Calif.—E. L. Brentnall, 940 Russ Bldg., San Francisco; J. C. Bird, 618 Second Ave., Seattle; John Carder, 1624 N. First St., Albuquerque; M. F. Klicpera, P.O. Box 3113, Houston; A. E. Linzer, 307 Liliuokalani Ave., Honolulu.

WESTERN SWITCHBOARD CO., 474 Bryant St., San Francisco. (See adv., page 62.)

WESTERN TRANSFORMER CO., 618 E. 11th St., Oakland, Calif. (See adv., page 52.)

WESTINGHOUSE ELECTRIC CORP., 401 Liberty Ave., Pittsburgh, Pa.—INDUSTRIAL PRODUCTS: R. A. Neal, Vice President, 410 Bush St., San Francisco. Walter J. Maytham, Jr., Pacific Coast Dist Mgr., 410 Bush St., San Francisco. Branch Offices: S. M. Johns, Mgr., 600 St. Paul Ave., Los Angeles; K. L. Howe, Mgr., 3451 E. Marginal Way, Seattle; Norman H. Miller, Mgr., 309 S.W. 6th Ave., Portland; H. B. Hodgins, Mgr., 235 W. South Temple St., Salt Lake City; W. G. Willson, Mgr., 1102 N. 21st Ave., Phoenix; E. E. Lacy, Mgr., 1 East Broadway, Butte; Louis A. Goalby, Mgr., 910 Fifteenth St., Denver; R. E. Blasen, Mgr., North 1023 Monroe St., Spokane; R. T. Strong, Mgr., 525 E St., San Diego.

—LAMP DIVISION, headquarters, Bloomfield, N. J. W. H. Thompson, Pac. Coast Mgr., 410 Bush St., San Francisco; R. B. Borland, Mgr. So. Pac. Div., 600 St. Paul Ave., Los Angeles; F. T. Anderson, Mgr. No. Pac. Div., 1200 Westlake Ave. N., Seattle 8; George E. Congdon, Mgr. Central Pac. Div., 410 Bush St., San Francisco; D. A. Steinkamp, 1052

Gas and Electric Bldg., Denver; L. A. Stevens, 1007 Southland Annex, Dallas.

—LIGHTING DIVISION, headquarters, Edgewater Park, Cleveland, Ohio. Walter J. Maytham, Jr., Pac. Coast Dist. Mgr., 410 Bush St., San Francisco. Branch Offices: Seattle, Portland, Los Angeles, Salt Lake City.

—ELEVATOR DIVISION, headquarters, Jersey City, N. J.—R. H. Wagner, Pacific Coast Dist. Mgr., 410 Bush St., San Francisco; H. C. Galitz, Branch Manager, 600 St. Paul Ave., Los Angeles.

—X-RAY DIVISION, headquarters, Baltimore, Md. Branch Offices and Managers: Harold Auld, 410 Bush St., San Francisco; Karl Burkholder, 600 St. Paul Ave., Los Angeles; F. D. Bourke, 714 S. W. 13th Ave., Portland; J. J. McDevitt, 1416 Olive Way, Seattle; C. H. Haskins, 235 West South Temple St., Salt Lake City; R. E. Blasen, North 1023 Monroe St., Spokane.

—ELECTRICAL APPLIANCE DIV., headquarters, 246 E. 4th St., Mansfield, Ohio. W. T. Baker, Pacific Coast Manager, 1355 Market St., San Francisco; H. E. Hugo, Sales Dev. Mgr., 1355 Market St., San Francisco. Branch offices in principal cities. Through leading distributors.

—STURTEVANT DIV., headquarters, Hyde Park, Mass. Branch Offices and Managers: A. J. Bouey, 410 Bush St., San Francisco; F. W. Jordan, 410 Bush St., San Francisco; W. S. Brouse, Los Angeles; J. S. Bowers, San Francisco. Agents: Brod & McClurg, Portland.

WESTON ELEC'L INSTRUMENT CORP., 614 Frelinghuysen Ave., Newark, N. J.—Eicher & Co., 263 Colman Bldg., Seattle 4; Herman E. Held, 120 Main St., San Francisco 5; Edward S. Sievers, 5171 Hollywood Blvd., Los Angeles 27; Peterson Co., 4949 Colorado Blvd., Denver 16; J. E. Redmond Supply Co., 625 W. Madison St., Phoenix.

WHEELCO INSTRUMENT DIV., Barber-Colman Co., Rock St., Rockford, Ill.—Jensen Instrument Co., 420 Market St., San Francisco and 1919 W. Beverly Blvd., Los Angeles; The Instrument Lab., 934 Elliott Ave. W., Seattle; Denver Fire Clay Co., 225 W. South Temple, Salt Lake City; 2301 Blake St., Denver; 1309 Texas St., El Paso and 413 S. 8th St., Boise; Farnes & Martig Co., 417 N.E. Couch St., Portland; Wheelco Inst. Div., 1406 Jefferson St., Houston.

THE WHEELER INSULATED WIRE CO., 150 E. Aurora St., Waterbury, Conn.—H. H. Van Luven Co., 120 S. Hewitt, Los Angeles; Robert R. Prussia, 224 Harriet, San Francisco; Dave M. Lee Co., 2517 Second Ave., Seattle; E. T. Vonier, 1160 Elati, Denver; Harry A. Miller, 1925 Cedar Springs, Dallas.

WHEELER REFLECTOR CO., 275 Congress St., Boston, Mass.—C. T. Bakeman & Associates, 445 Bryant St., San Francisco; J. G. Pomeroy Co., 1004 E. Fourth St., Los Angeles; Sanderlin Co. 129 First Ave. W., Seattle; P. A. Douden & Co., 1645 Wazee St., Denver.

WHIRLPOOL CORPORATION, St. Joseph, Mich.—Peter N. Prussing, 740 18 St., Santa Monica; Chet F. Worthington, 6203 26th Ave., N.W. Seattle; H. R. Basford, 235 15th St., San Francisco.

WHITE CO., O. C., 17 Hermon, Worcester 8, Mass. — Dan H. Radke Co., 754 Natoma St., San Francisco; Bruce-Emmett Co., 830 S.E. Alder, Portland.

WHITE MOUNTAIN FREEZER CO., INC., Broad St., Nashau, N.H.—General Sales Corp., 500 Minnesota St., San Francisco.

WHITE PRODUCTS CORP., Main St., Middleville, Mich. — Sold through leading distributors all principal cities.

WHITE-RODGERS ELECTRIC CO., 1209 Cass Ave., St. Louis 6, Mo.—Pacific Scientific Co., in following cities: 1430 Grande Vista Ave., Los Angeles; 25 Stillman St., San Francisco; 1915 First Ave. South, Seattle; Terminal Sales Bldg., Portland.

WHITING CORPORATION, 157th and Lathrop Ave., Harvey, Ill.—Branch Offices: 14420 S. Bloomfield Ave., Norwalk, Calif.; 2480 Times Blvd., Houston; 350 Skinner Bldg., Seattle 1.

WHITNEY BLAKE CO., 1565 Dixwell Ave., New Haven 14, Conn.—Branch Office: Stanley Sherman, Box 1362, Los Altos, Calif.; H. C. Mitchell, Jr., 12243 Shetland Lane, Los Angeles 49.

WICKMAN GLOVE CO., 1824 San Pablo Ave., Berkeley, Calif.—Charles E. Morton Co., 1406 S. Grand Ave., Los Angeles; A. L. Dickson, 1259 Clark Rd., Paradise; Western Hdwe. & Tool Co., 122 10th St., San Francisco.

WICX-MERIT GLOVE CO., 1121 7th St., Oakland 20, Calif. (See adv., page 53.)

WIEGAND CO., EDWIN L., 7540 Thomas Blvd., Pittsburgh 8, Pa.—Montgomery Bros. in following cities: 1122 Howard St., San Francisco; 2113 S. San Pedro, Los Angeles 11; 1815 N.W. Northrup St., Portland 9; 911 Western Ave., Seattle 4; Richards-Conant, 2415 15th Ave., Denver 11; L. R. Ward Co., 2711 Commerce St., Dallas 1.

WILCOLATOR CO., 1001 Newark Ave., Elizabeth 3, N. J.—F. D. MacLean, 2348 E. 8th St., Los Angeles.

WILCOX-GAY CORP., Charlotte, Mich. — Branch Office: Wilcox-Gay Corp., 2772 W. Olympic Blvd., Los Angeles, Calif.

WILES CO., ELWOOD, 012 S.W. Montgomery, Portland, Ore. — J. E. Haseltine & Co., S.W. 2nd at Ash St., Portland and P.O. Box 482, Eugene, Ore.; Inland Pipe & Supply Co., Yakima; Miller Supply Inc., Wallula Road, Walla Walla; Bellingham Supply Co., Bellingham; Central Supply Co., 838 S.W. First Ave., Portland; Bean Electric Co., 924 First Ave. So., Seattle; Inland Electric Co., 812 Fourth Ave., Spokane.

WILEY, INC., R. & W., 119 Dearborn St., Buffalo, N. Y.—Harry N. Lindsey, 1261 W. 56th St., Los Angeles 37; William Benndorf, 401 W. Jefferson St., Phoenix; Fred R. Army, 4209 Parry Ave., Dallas 10.

WILLIAMS MFG. CO., Hugh B., 2946 Oak Lane, Dallas, Texas—Joslyn Pacific Co. in following cities: 5100 District Blvd., Los Angeles 11; 180 Potrero Ave., San Francisco 3; 1523 N.W. Kearney St., Portland 9; 2424 First Ave. South, Seattle 4; 1427 E. 3045 South St., Salt Lake City.

WILMINGTON FIBRE SPECIALTY CO., P. O. Drawer 1028, Wilmington 99, Delaware—Glenn H. Taylor, 1151 Santee St., Los Angeles; Gillette & McLaren, Inc., Arctic Bldg., Seattle and 309 S.W. 3rd Ave., Portland; C. H. Jones Equipment Co., Salt Lake City; Alfred E. Lilly & Associates, 907 Post St., San Francisco 9; United Builders Equip. Co., 10th Floor, 2nd Unit, Santa Fe Bldg., Dallas.

WILSOLITE CORP., 501 Amherst St., Buffalo, N. Y.—Electrical Specialty, 316 Eleventh St., San Francisco; 2406 First Ave. So., Seattle; 418 E. Third St., Los Angeles and 1015 21st St., Denver.

WILSON RUBBER CO., 1200 Garfield Ave. S.W., Canton 6, Ohio—Ralphs-Pugh Co., 530 Howard St., San Francisco; Bailey Equipment Co., 1604 State St., San Diego; E. D. Bullard Co., 275 8th St., San Francisco; Guardian Safety Equip. Co., 6104 S. Main St., Los Angeles. Sold through General Electric Supply Co., all cities.

WILTON TOOL MFG. CO., 925 Wrightwood Ave., Chicago 14, Ill. —Lynn & Brooks, 2048 Market St., San Francisco and 3055 Wilshire Blvd., Los Angeles.

WINCHARGER CORP., East 7th and Division, Sioux City 2, Iowa —James J. Backer, 2321 Second Ave., Seattle 1; Maddox Sales Co., 912½ E. 3rd St., Los Angeles; John H. Maddox Co., 420 Market St., San Francisco; H. George Shefler Co., P.O. Box 1587, Phoenix; Howard Toncray II, 1732 Blake St., Denver 2.

WINFIELD METAL PRODUCTS CORP., 2421 W. Roosevelt Road, Chicago, Ill.—James Mundstock, 320 Market, San Francisco; Pete Bach, 1233 N. W. 12th Ave., Portland.

WING MFG. CO., L. J., Vreeland Mills Rd., Linden, N. J.—Harang Eng. Co., 840 Lake St., San Francisco; Trade-Wind Motorfans, Inc., 5725 S. Main St., Los Angeles; Olympic Supply, 1743 1st Ave. So., Seattle; R. H. Brown & Co., 620 Henry Bldg., Portland; W. A. Crowder, 602 Empire State Bldg., Spokane 1, Stapp Eng. Co., 512 Tabor Bldg., Denver; Lang Co. Inc., 267 W. First South, Salt Lake City.

WIREMOLD CO., Hartford 10, Conn.—F. A. Strohecker, 2207 First Ave. South, Seattle 4; George A. Gray Co., 2720 17th St., San Francisco 10; F. J. Airey Co., 1513-15 S. Mateo St., Los Angeles 21; Kenneth B. Schumann Co., 814 12th St., Denver 4.

WIRT COMPANY, 5221 Greene St., Philadelphia, Pa. — J. W. Marsh Co., 4216 W. Jefferson Blvd., Los Angeles 16 and 1355 Market St., San Francisco.

WISCONSIN PORCELAIN CO., 705 McGee St., Kansas City, Mo. — Keeler White Co., 436 Colyton, Los Angeles; 615 7th St., San Francisco; 1041 6th Ave. South, Seattle and 322 N.W. Fourth, Portland.

WOLVERINE TUBE DIV., 1850 Guardian Bldg., Detroit, Mich.—Van D. Clothier Co., 1025 E. 16th St., Los Angeles, and 666 Mission St., San Francisco.

WOOD ELECTRIC CO., INC., C. D., 70-17 83rd St., Glendale, Long Island, N. Y.—Branch Office: Harry Appleton, 136 San Fernando St., Los Angeles.

WOOD FINISHING CO., N. J., Amboy Ave., Woodbridge, N. J.—Insulation & Wires, Inc., in following cities: 2240 E. Washington Blvd., Los Angeles 21; 1702 N.E. Sandy Blvd., Portland, 1077 Howard St., San Francisco.

WOODHEAD CO., DANIEL, 15 N. Jefferson, Chicago, Ill. — Michel Brothers, 1015 E. 16th St., Los Angeles; Ernest F. Hauck, 1282 Folsom, San Francisco; K. B. Schumann, 814 12th St., Denver; Shaffer Nelson Co., 312 Occidental Ave., Seattle and 1204 N.W. Glisan, Portland.

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**WICX-MERIT Glove Company**
1121 Seventh St., Oakland 20, Calif.

WORTHINGTON CORP., Worthington Ave., Harrison, N. J. — Branch Offices: 224 Townsend St., San Francisco; 5075 Santa Fe, Los Angeles, and Seattle, Denver and El Paso.

WRIGHT & SONS CO., WM. E., Industrial Textile Div., West Warren, Mass.—A. B. Smedley, P. O. Box 67-C, Pasadena, Calif.

WROUGHT WASHER MFG. CO., 2100 S. Bay St., Milwaukee 7, Wis.—Hughson and Merton in following cities: 269 Colman Bldg., Seattle; 509 Beason Bldg., Salt Lake City; 3209 Glendale Blvd., Los Angeles; 1270 Bush St., San Francisco.

WUELKER INFRA RED AND LIGHTING CO., 1445 Stevenson St., San Francisco, Calif. (See ad, page 61.)

YOUNG BROTHERS CO., 1831 Columbus Road, Cleveland, Ohio O. H. Rosentreter, 8411 State St., South Gate, Calif.; James R. Hewitt, Jr., 4219 Yoakum Blvd., Houston.

YOUNGSTOWN SHEET & TUBE CO., Youngstown 1, Ohio—Branch Offices: Youngstown Steel Products Co. in following cities: 714 W. Olympic Blvd., Los Angeles; 55 New Montgomery St., San Francisco; 555 Central Bldg., Seattle; 814 Continental Oil Bldg., Denver; 1350 Esperon Bldg., Houston.

ZENITH RADIO CORP., 6001 W. Dickens Ave., Chicago 39, Ill.—H. R. Basford Co., 235 15th St., San Francisco; Sues, Young & Brown, Inc., 3636 S. Bronson Ave., Los Angeles; Seattle Hdwe. 501 First Avenue South, Seattle; W. H. Bintz Co., 433 West 3rd South St., Salt Lake City; Elec'l Dist. Co., 140 N.W. 14th Ave., Portland; Elec'l Equipment Co., First Ave. at Madison, Phoenix; Western Appliance Corp., 201 S. Cherokee, Denver; Columbia Elec. & Mfg. Co., 123 S Wall, Spokane; Electric Supplies Dist. Co., 435 Second Ave., San Diego; Albert Mathias & Co., 111 So. Mesa Ave., El Paso; Midland Implement Co., 2301 Montana Ave., Billings, Mont.; Broili-Parks Co., 2225 19th St., Sacramento; B. J. De Jarnatt Wholesale Co., 223 Fulton St., Fresno.

ZENITH ELECTRIC CO., 152 W. Walton St., Chicago 10, Ill.—James Mundstock, 320 Market St., San Francisco; Ed Warburg Co., 1207 East 8th St., Los Angeles.

ZINSCO ELECTRICAL PRODUCTS, 729 Turner St., Los Angeles, Calif.—Wm. Benndorf, 401 W. Jackson, Phoenix; Branch Offices, San Francisco, Fresno and Oakland.

ZOPHAR MILLS, INC., 112 26th St., Brooklyn 32, N. Y.—Electrical Specialty Co. in following cities: 316 11th St., San Francisco 3; 418 E. Third St., Los Angeles 13; 2406 First Ave., Seattle 1, and 1015 21st St., Denver 2.

# WHERE-TO-BUY IN THE WEST

Alphabetical listing of various electrical products, showing manufacturers and Western sources. **PAGES 54 - 70.**

**DIRECTORY OF MANUFACTURERS**—Alphabetical listing of manufacturers of electrical equipment, showing their principal Western offices and sales representatives. **PAGES 1 - 53.**

**DIRECTORY OF APPLIANCE SERVICE AND REPAIR PARTS**—A listing of electrical appliance manufacturers' Western service stations and parts depots. **PAGES 76 - 92.**

**DIRECTORY OF WESTERN REPRESENTATIVES**—A listing by states and cities of manufacturers' representatives handling electrical lines. **PAGES 71 - 75.**

**Adapters, All Types**
Appleton Elec. Co.
Benjamin Elec. Mfg. Co.
Cook Co., E. B.
Crouse-Hinds Co.
Economy Fuse & Mfg. Co.
General Elec. Co.
North American Elec. Lamp. Co.
Steel City Co.

**Adhesives, Glues and Cements**
L. B. Allen Co.
General Elec. Supply Co.
General Elec. Co.
Graybar Electric Co., Inc.
U. S. Rubber Co.
Van Cleef Bros.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Air Conditioning**
Campbell & George
Fedders-Quigan Corp.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Mitchell Mfg. Co.
Montgomery Bros.
Northwest Sales & Eng. Service
Smallcomb Elec. Co.
Walter E. Wallace Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

**Air Filters**
Campbell & George
Signal Elec. Mfg. Co.

**Alloys**
Driver-Harris

**Ammeters, Ohmmeters, Voltmeters, Wattmeters**
Allied Industries, Inc.
Cole Instrument Co.
Duncan Elec. Mfg Co.
General Elec. Co.
General Elec. Supply Co.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Kearns Co., James L.
James R. Kearney Corp.
Lint Co., Clyde W.
Lundy, Ralph B.
Maydwell & Hartzell, Inc.
Nicholas, Fred M.
L. A. Nott
Nourse Equip. Co.
Randolph Co., H. J.
Roller-Smith Corp.
T. R. Routh Co.
Sangamo Elec. Co.
Somerville, G. N.
H. B. Squires Co.
L. W. Thompson
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Weston Elec. Instr. Corp.
Williams Co., Allen I.

**Anchor and Guy Rods**
A. B. Chance Co.
Copperweld Steel Co.
Everstick Anchor Co.
General Elec. Co.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
George E. Honn Co.
Hubbard & Co.
James R. Kearney Corp.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke Inc.
Maydwell & Hartzell, Inc.
Oliver Iron and Steel Corp.
Ryals Co., K. M.
Wagner Malleable Prod. Co.
Westinghouse Elec. Supply Co.

**Anchors**
A. B. Chance Co.
Everstick Anchor Co.
General Elec. Supply Co.
Gough Industries, Inc.
Geo. E. Honn Co.
Hubbard & Co.
James R. Kearney Corp.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec. Co.
Lint Co., Clyde W.
Locke Dept. GE Co.
W. N. Matthews Corp.
Maydwell & Hartzell, Inc.
Oliver Iron and Steel Corp.
Ryals Co., K. M.
Wagner Malleable Prod. Co.
Waltham, DeWitt & Krusi
Westinghouse Elec. Supply Co.

**Annunciators**
Benndorf, Wm.
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Lundy, Ralph B.
Pomeroy Co., J. G.
Sperti-Faraday
H. H. Van Luven Co.

**Appliances, Commercial**
General Elec. Co.
General Elec. Supply Co.
Graybar Elec. Co.
Hotpoint
Russell & Co.
Taufenbach Co., Les
Wesix Electric Heater Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

**Appliances, Household**
General Elec. Co.
General Elec. Supply Co.
General Mills, Inc.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Hotpoint, Inc.
Russell & Co.
Solen Co., Albert M.
Sylvania Elec. Prod.
Taufenbach Co., Les
Thermador Elec. Mfg. Co.
Waage Mfg. Co.
Wesix Electric Heater Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

**Armor Rods**
Aluminum Co. of America
American Steel & Wire
Condon Co., Earl S.
Indiana Steel & Wire
Preformed Line Products Co.
Ryals Co., K. M.

**Arresters, Power Line Lightning**
Ken H. Best
Bracken Sales Agency, Wm.
General Electric Co.
General Elec. Supply Co.
Geo. E. Honn Co.
Hubbard & Co.
Industrial Eng. & Equip. Corp.
James R. Kearney Corp.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Reliable Electric Co.
S & C Electric Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Tom Wood

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Agencies Co.
Certified Ballasts Mfgrs.
General Elec. Co.
General Elec. Supply Co.
Gough Industries
Graybar Elec. Co., Inc.
Industrial Electronics
Noel Co., Ray J.
Sylvania Elec. Prod., Inc.
Thermador Elec. Mfg. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wuelker Infra-Red & Lighting Co

**Bands, Cable and Pole Stubbing**
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Hubbard & Co.
James R. Kearney Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Westinghouse Elec. Supply Co.

**Batteries and Equipment-Chargers**
Allen-Bradley
Campbell & George Co.
H. D. Easterbrook
General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Kato Engineering Co.
Maydwell & Hartzell, Inc.
U. S. Rubber Co.
Westinghouse Elec. Supply Co.

**Bells and Buzzers**
Agencies Co.
K. M. Anderson Co., Inc.
Benjamin Elec. Mfg. Co.
Benndorf, Wm.
Fred D. Benz Co.
Frank H. Bran Co.
Crouse-Hirds Co.
Electric Agencies, Inc.
Electric Sales Co.
Federal Enterprises, Inc.
General Elec. Supply Co.
Gough Industries, Inc.
Gratiot & Sons, C. J.
Geo. A. Gray Co.
Graybar Elec. Co., Inc.
McMillen & Stanley Sales Corp.
F. M. Nicholas Co.
Pomeroy Co., J. G.
Prussia Co., Robt. B.
Somerville, G. N.
Sperti - Farraday
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

**Belts, Linemen's Belts**
Ken Best
Buckingham Mfg. Co., Inc.
Dickson, A. L.
Graybar Elec. Co., Inc.
Industrial Safety Belt Corp.
Klein & Sons, Mathias
Western Hardware & Tool Co
Westinghouse Elec. Supply Co.

**Benders, Misc.**
Electric Sales Co.
General Elec. Supply Co.
Gough Industries, Inc.
Geo. A. Gray Co.
Graybar Elec. Co.
Greenlee Tool Co.
Line Material Co., Div. McGraw Elec.
Lint, Clyde W.
H. P. Martin & Sons
McGillan Sales Co.
Murphy-Hain Co.
F. M. Nicholas Co.
J. G. Pomeroy Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Blanks, Knockout or Snap-in**
Appleton Electric Co.
Benz Co., Fred D.
Buchanan Elec'l Prod.
Lint, Clyde W.
Nicholas, F. M.
Westinghouse Elec. Supply Co.

**Blocks, Cable Conduit**
Maydwell & Hartzell, Inc.
Soapstone Duct Co.

**Blowers, Compressors**
Allis-Chalmers Mfg. Co.
Anderson Co., Kenneth
Benz Co., Fred D.
Bracken Sales Agency, Wm.
Bran Co., Frank H.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Ideal Industries, Inc.
Maydwell & Hartzell, Inc.
Montgomery Bros.
Nicholas, F. M.
Smallcomb Elec. Co.

**Bolts, Nuts**
Agencies Co.
General Elec. Supply Co.
Gough Industries, Inc.
Hubbard & Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Lombard Smith
Unistrut Products Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.


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Utility Fans, Blowers and Coolers
M & E Spray Booth Fans
Trade-Wind Clipper Exhausters
Air Flo Automatic Shutters
Owens-Corning Glass Filters
Master Blowers
Sausse Vibration Dampeners
Electra Motors
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Triangle Conduit & Cable Co.
Westinghouse Electric Co.
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Metallic Tubing

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San Francisco 5
Telephone: YU. 6-0553

**Conduit, Non-Metallic**

Bran Co., Frank H.
Columbia Cable & Elec. Co.
Eichorn & Melchior
Essex Wire Corp.
Gray Co., George A.
Johns-Manville Corp.
LaMoree, C. D.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc .
Prussia Co., Robert R.
Soapstone Duct Co.
Triangle Conduit & Cable Co.

**Conduit, Rigid**

Allied Industries
General Electric Co.
General Electric Supply Co.
Johns-Manville Corp.
National Electric Products
Rome Cable Corp.
Rowe, A. E.
Pittsburgh Standard Conduit Co.
Spang-Chalfant Div. National Supply
Tri-State Supply Corp.
Triangle Conduit & Cable Co.
Youngstown Sheet & Tube Co.

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**Milwaukee, Wisc.**
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**Conduit, Underground**

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Bran Co., Frank H.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electric Co.
Johns-Manville Corp.
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Murphy-Hain Co.
National Elec. Prod. Co.
Arthur E. Rowe
Rome Cable Corp.
Soapstone Duct Co.
Spang-Chalfant Div. Nat'l Sup. Co.
Square D Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

**Connectors, Couplings**

Agencies Co.
Allied Industries
Kenneth Anderson Co.
Appleton Electric Co.
Benndorff, Wm.
Benz Co., Fred D.
Best, Ken H.
Jasper Blackburn Products Corp.
Bracken Sales Agency, Wm.
The Frank H. Bran Co.
Briegel Method Tool Co.
Buchanan Electrical Prod. Corp.
Burndy Eng'g Co.
Campbell & George Co.
Cannon Elec. Co.
Carder Co., John
Carlson, Fred W.
Clark Controller Co.
Earl S. Condon Co.
Cook Co., E. B.
Crouse Hinds Co.
Delta Star Elec. Div.
Dossert Mfg. Co.
Eichorn & Melchior
Electrical Fittings Corp.
Electrical Specialty Co.
Fargo Mfg. Co., Inc.
Gedney Electric Co.
General Electric Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Hubbard & Co.
Industrial Eng. & Equip. Corp.
C. E. Ingalls
James R. Kearney Corp.
Killark Electric Mfg. Co.
Kirk-Palka Co.
Kwikon Co.
Line Material Co., Div. McGraw Elec.
Joseph Liner
Locke, Dept. GE Co.
Oliver B. Lyman
W. N. Matthews Corp.
Maydwell & Hartzell, Inc.
McGuire, William A.
McMillen & Stanley Sales Corp.
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Murphy-Hain Co.
National Elec. Prod. Corp.
National Tele. Supply Co.
F. M. Nicholas Co.
Ohio Brass Co.
O. Z. Elec. Mfg. Co.
Pass & Seymour
Penn-Union Elec. Corp.
Pomeroy Co., J. G.
Prussia Co., Robt. R.
Reliable Elec. Co.
Schueler & Weston
H. B. Sherman Mfg. Co.
Square D. Co.
Squires Co., H. B.
L. W. Thompson
Trumbull, Dept. GE Co.
Van Cleef Bros.
Wagner Malleable Prod. Co.
Wallace Co., Walter E.
Waltham, DeWitt & Krusi
Western Hardware & Tool Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.
Tom Wood
Young & Co., Robt. A.

**Control Equipment**

Allen-Bradley Co.
Bracken Sale Agency
Campbell & George Co.
Clark Controller Co.
Control Corp.
Cook Co., E. B.
Cramer Co., Inc., R. W.
Crouse-Hinds Co.
H. D. Easterbrook
Eichorn & Melchior
Federal Electric Products Co.
Federal Enterprises, Inc.
Fisher-Pierce Co., Inc.
General Elec. Co.
General Electric Supply Co.
General Switch Corp.
Geraty Eng. Specialties
Gough Industries, Inc.
Graybar Electric Co.
C. E. Ingalls
Kearns Co., James L.
Lundy, Ralph B.
Maydwell & Hartzell, Inc.
Mercoid Corp., The
Mitchell Co., C. H.
Moloney Elec. Co.
Montgomery Bros.
James Mundstock
F. M. Nicholas Co.
L. A. Nott
Randolph Co., H. J.
T. R. Routh Co.
Square D Co.
Tork Clock Co.
Trumbull, Dept. GE Co
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Tom Wood
Young & Co., Robt. A.

**Converters, Synchronous**

Allis-Chalmers Mfg. Co
Bracken Sales Agency, Wm.
General Elec. Co
Kearns Co., James L.
Lombard Smith
Westinghouse Elec. Corp.

**Cords, Appliance**

Agencies Co.
Anaconda Wire & Cable Co.
Benz Co., Fred D.
Bran Co., Frank H.
Chapman Co., J. M.
Cornish Wire Co.
Fincke Co., J. M.
General Cable Corp.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Miller Electric Co.
Nat'l Elec. Products Corp.
Rockbestos Products Corp.
Roebling's Sons Co., John A.
Rome Cable Corp.
Sperti-Faraday
U. S. Rubber Co.
Walter E. Wallace Co.
Western Ins. Wire Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Cords, Heavy Duty**

Agencies Co.
American Steel & Wire Co.
Anaconda Wire & Cable Co.
Benz Co., Fred D.
Bran Co., Frank H.
J. M. Chapman Co.
Earl S. Condon
Cornish Wire Co., Inc.
Ericson Co.
Essex Wire Corp.
Fincke Co., John M.
General Cable Corp.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Gray Co., George A.
Graybar Elec. Co.
Maydwell & Hartzell, Inc.
National Elec. Products Corp.
Nicholas Co., F. M.
Okonite Co.
Rockbestos Products Corp.
John A. Roebling's Sons Co.
Rome Cable Corp.
Simplex Wire & Cable Co.
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U. S. Rubber Co.
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**Counters, Computing Devices**

General Elec. Co.

**Couplings**

(See Connectors, Couplings)

**Cranes**

(See Derricks, or Trolley Systems)

**Crossarms**

General Elec. Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Geo. E. Honn Co.
Hubbard & Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
McCormick & Baxter Creosoting Co.
Waltham, DeWitt & Krusi
Westinghouse Elec. Supply Co.

**Cutouts**

Benndorff, Wm.
A. B. Chance Co.
G & W Electric Specialty Co.
General Elec. Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Hubbard & Co.
Industrial Eng. & Equip. Co.
C. E. Ingalls & Sons
James R. Kearney Corp.
Line Material Co., Div. McGraw Elec.
W. N. Matthews Corp.
Maydwell & Hartzell, Inc.
Pacific Elec. Mfg. Corp.
Porcelain Products, Inc.
Randolph Co., H. J.
S. & C. Electric Co.
Southern States Equipment Co.
Square D Co.
Wadsworth Electrical Mfg. Co.
Waltham, DeWitt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Cutters, Shears**

Bartlett Mfg. Co.
Bracken Sales Agency
General Electric Co.
Greenlee Tool Co.
Honn Co., George E.
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McGillan Sales Co.

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Four Wheel Drive Auto Co.
Hall, Fred C.
Pacific Coast Eng. Co.
McCabe Powers Auto Body Co.
Tel-E-Lect Products, Inc.

**Diggers, and Augers**

(See Earth Boring Equipment)

**Distribution Specialties**

Agencies Co.
Best, Ken H.
Burndy Eng. Co.
Eichorn & Melchior
Fargo Mfg. Co., Inc.
General Elec. Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Hubbard & Co.
James R. Kearney Corp.
F. D. Kees Mfg. Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
W. N. Matthews Corp.
Maydwell & Hartzell, Inc.
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O. Z. Electrical Mfg. Co.
Reliable Elec. Co.
Safety Switchboard Co.
S. & C. Electric Co.
H. B. Sherman Mfg. Co.
The R. Thomas & Sons Co.
Trumbull, Dept. GE Co.
Wadsworth Elec. Mfg. Co., Inc.
Waltham, De Witt & Krusi
Western Switchboard Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Drills**

Benz Co., Fred D.
Greenlee Tool Co.
Hubbard & Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Lint Co., Clyde W.
Nicholas Co., H. M.
Petersen Engineering Co.
Signal Elec. Mfg. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Duct**

Allis-Chalmers
Benndorff, Wm.
BullDog Elec. Products Co.
Eichorn & Melchior
Federal Elec. Prod. Co.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Ingalls & Sons, C. E.
Johns-Manville Corp.
Line Material Co., Div. McGraw Elec.
Lyman, Oliver B.
Maydwell & Hartzell, Inc.
Mullenbach Elec'l. Mfg. Co.
National Elec. Prod. Corp.
Randolph Co., H. J.
Ryals Co., K. M.
Safety Switchboard Co.
Soapstone Duct Co.
Square D Co.
Trumbull, Dept. GE Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Earth Boring Equipment**
Chance Co., A. B.
Everstick Anchor Co.
Graybar Elec.
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Line Material Co., Div. McGraw Elec.
Lint, Clyde W.
Matthews Corp., W. N.
McGillan Sales
Petersen Engineering Co.
Tel-E-Lect Products Co.
Westinghouse Elec. Supply Corp.

**Economizers**
Combustion Engineering, Superheater, Inc.
Foster-Wheeler Corp.

**Electrical Connections**
Erico Products Co.
Ryals Co., K. M.

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Eichorn & Melchior
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General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
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Hill Sales Co., J. T.
Industrial Electronics Corp.
Ingalls & Sons, C. E.
JWR Co.
Kearns Co., James L.
Peterson, F. Somers
Randolph Co., H. J.
Routh Co., T. R.
Sylvania Electrical Products Co.
Square D Co.
H. B. Squires
Taufenbach Co., Les
Webster Elec. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Williams Co., Allen

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**Enclosures, Meter and Instrument**
Agencies Co.
Anchor Mfg Co.
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General Electric Supply Co.
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Graybar Elec. Co., Inc.
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Lyman, Oliver B.
Meter Devices Co.
Murray Mfg. Co.
L. A. Nott
Square D Co.
Trumbull, Dept. GE Co.
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Westinghouse Elec. Supply Co.
Tom Wood

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Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Graybar Elec. Co., Inc.
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Maydwell & Hartzell, Inc.
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Panama Lamp & Com. Co.
Pryne & Co.
Russell & Co.
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Solen Co., Albert M.
Taufenbach Co., Les
Trade-Wind Motorfans, Inc.
Wagner Elec. Corp.
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Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

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Graybar Elec. Co., Inc.
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Russell & Co.
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J. G. Pomeroy Co.
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Smallcomb Elec. Co.
Tri-State Supply Corp.
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Strait & Richards, Inc.
Westinghouse Elec. Corp.

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Rockbestos Prod. Corp.

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(See Conduit Fittings)

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Dossert Mfg. Co.
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General Electric Supply Co.
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Graybar Electrical Co., Inc.
James R. Kearney Corp.
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Line Material Co., Div. McGraw Elec.
Matthews Corp., W. N.
Maydwell & Hartzell, Inc.
Nicholas Co., F. M.
O. Z. Elec'l Mfg. Co.
Pacific Elec. Mfg. Corp.
Penn-Union Elec. Corp.
J. G. Pomeroy & Co.
Prussia Co., Robert R.
Reliable Elec. Co.
Ryals Co., Ken
Schwager-Wood Corp.
H. B. Sherman Mfg. Co.
Waltham, DeWitt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Buchanan Elec'l Products
Faries Mfg. Co.
Mundstock, James
Nicholas, F. M.
Noel Co., Ray J.
Steel City Elec. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Fittings, Insulator**
Kenneth M. Anderson Co.
Brewer-Titchener Corp.
Buchanan Electrical Prod. Corp.
Delta Star Elec. Div.
Eichorn & Melchior
General Electric Supply Co.
Gough Industries, Inc.
Graybar Electric Co.
Gray Co., George A.
Honn Co., Geo. E.
Hubbard & Co.
Jeffery-Dewitt (Line Material Co.)
Kirk-Palka Co.
Kortick Mfg. Co.
Lapp Insulator Co., Inc.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
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Nicholas, F. M.
Ohio Brass Co.
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Porcelain Products, Inc.
R. Thomas & Sons Co.
Victor Insulators, Inc.
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Westinghouse Elec. Supply Co.

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Eichorn & Melchior
General Elec. Supply Co.
"Hock" Ensmith Sales Co.
James Mundstock
Russell & Stoll
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Eichorn & Melchior
General Elec. Co.
C. E. Ingalls & Sons
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
O. Z. Electrical Mfg. Co.
Squires & Marshall
Unistrut Products
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Appleton Electric Co.
Bakeman & Associates, C. T.
Benjamin Elec. Mfg. Co.
Bracken Sales Agency
Brundage, J. H.
E. B. Cook
Crouse Hinds Co.
Curtis Lighting, Inc.
Day-Brite Lighting, Inc.
Eichorn & Melchior
Federal Enterprises, Inc.
Fluorescent Fixtures of Calif.
General Electric Supply Co.
Globe Lighting Products, Inc.
Gough Industries, Inc.
Gray Co., Geo. A.
Graybar Electrical Co., Inc.
Edwin F. Guth Co.
Holophane Co., Inc.
Hubbard & Co.
Jones Metal Products
Levin, M.
Kaufman, Leo
Killark Elec. Mfg. Co.
Line Material Co., Div. McGraw Elec.
McGuire, Wm. A.
Miller Co.
James Mundstock
Nicholas Co., F. M.
Noel Co., Ray J.
Pass & Seymour, Inc.
J. G. Pomeroy Co.
Pyle-National Co.
Silvray Lighting Co.
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Westinghouse Elec. Corp.
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Wuelker Infra-Red & Lighting Co.

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## JAMES MUNDSTOCK

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**Telephone: YUkon 6-3935**

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General Electric Supply Co.
Gough Industries, Inc.
Graybar Electrical Products Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

**Floodlights**
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Benjamin Elec. Mfg. Co.
Benz, Fred D.
Best, Ken H.
Bracken Sales Agency
Bran Co., Frank H.
E. B. Cook
Crouse Hinds Co.
Curtis Lighting, Inc.
Electric Agencies, Inc.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Jones Metal Products Co.
Killark Elec. Mfg. Co.
Kees Mfg. Co.
Line Material Co., Div. McGraw Elec.
Litecraft Mfg. Corp.
F. M. Nicholas Co.
Panama Lamp & Commercial Co.
Pyle-National Co.
Reliance Sales, Inc.
Revere Elec. Mfg. Co.
S & M Lamp Co.
Smoot-Holman Co.
Sylvania Elec. Products Co.
Waltham, DeWitt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wuelker Infra-Red & Lighting Co.

**Fluorescent, Fixtures & Accessories**
Allen & Olsen Mfg. Co.
Appleton Elec. Co.
Associated Lighting Service
Bakeman & Associates, C. T.
Benjamin Elec. & Mfg. Co.
Benz Co., Fred D.
Joe Blonder Agencies
Bracken Sales Agency
The Frank H. Bran Co.
Columbia Elec. & Mfg. Co.
E. B. Cook Co.
Crouse-Hinds Co.
Curtis Lighting, Inc.
Day-Brite Lighting, Inc.
Federal Enterprises, Inc.
Fleur-O-Lier Mfrs.
Fluorescent Fixtures of California
General Elec. Co.
General Electric Supply Co.
General Luminescent Corp.
Globe Lighting Prod., Inc.
Gough Industries, Inc.
Gratiot & Sons, C. J.
Geo. A. Gray Co.
Graybar Elec. Co.
Edwin F. Guth Co.
Holophane Co., Inc.
JWRCo., Inc.
Levin, M.
Lighting Products Inc.
McGillan Sales Co.
McGuire, W. A.
Miller Co.
Mitchell Mfg. Co.
James Mundstock
F. M. Nicholas Co.
Noel Co., Ray J.
Panama Lamp & Commercial Co.
Pass & Seymour, Inc.
Penning, J. R.
J. G. Pomeroy
Reliance Sales, Inc.
Smithcraft Lighting Division
Smoot-Holman Co.
H. B. Squires Co.
Sunbeam Lighting Co.
Sylvania Elec. Products, Inc.
F. W. Wakefield Brass Co.
Westinghouse Elec. Corp.
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**Fluorescent Lacquers**
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General Luminescent Corp.
Graybar Elec. Co.
Panama Lamp & Com'l Co.
Sylvania Elec. Prod., Inc.
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Westinghouse Elec. Supply Co.
Wuelker Infra-Red & Lighting Co.

**Fluorescent Lamp Disposal**
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H. B. Squires Co.

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General Elec. Co.
Graybar Electrical Co., Inc.
Kirk-Palka Co.
Kuhlman Elec. Co., Detroit Elec. Furnace Div.
Meier Elec. & Machine Co.
Randolph Co., H. J.
Lombard Smith
H. B. Squires Co.
Westinghouse Elec. Corp.
E. A. Wilcox Co.
Wilt Co., O. B.

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John Carder, Jr., Co.
Elec. Specialty Co.
General Electric Supply Co.
H. B. Sherman Mfg. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Fuses**
Anderson Co., Kenneth
Benndorff, Wm.
Benz Co., Fred D.
The Frank H. Bran Co.
Bussmann Mfg. Co.
A. B. Chance Co.
J. M. Chapman Co.
Chase-Shawmut Co.
Cole Electric Co.
Earl S. Condon Co.
Economy Fuse & Mfg. Co.
Electrical Specialty Co.
General Electric Co.
General Electric Supply Co.
Gratiot & Sons, C. J.
Gough Industries, Inc.
Geo. E. Honn Co.
Industrial Eng. & Equip. Co.
C. E. Ingalls & Sons
JWRCo., Inc.
James R. Kearney Corp.
Kearns Co., James L.
Killark Elec. Mfg. Co.
Levin, M.
Line Material Co., Div. McGraw Elec.
Joseph Liner
McGillan Sales Co.
W. N. Matthews Corp.
Maydwell & Hartzell, Inc.
Miller Electric Co.
F. M. Nicholas Co.
Pacific Elec. Mfg. Corp.
Panama Lamp & Commercial Co.
Prussia Co., Robt. B.
Randolph Co., H. J.
Reliable Elec. Co.
S & C Elec. Co.
Southern States Equipment Corp.
Square D Co.
Walter E. Wallace
Ware Fuse Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Tom Wood

**Generators & Equipment**
Allis-Chalmers Mfg. Co.
Campbell & George Co.
Easterbrook, H. D.
Electric Equipment Co.
Electrical Specialty Co.
General Elec. Co.
Gough Industries, Inc.
Kearns Co., James L.
Keystone Carbon Co.
Nourse Equip. Co.
Routh Co., T. R.
Lombard Smith
Somerville, G. N.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Young & Co., Robt. A.

**Generators, Steam**
Bracken Sales Agency
Combustion Engineering, Superhearter, Inc.
Foster-Wheeler Corp.
Pyle-National
Westinghouse Elec. Corp.

**Gloves, Protective**
Dickson, A. L.
Western Hdwe & Tool Co.
Wickman Glove
Wicx-Merit Glove Co.

**Graphite Products**
Carbon Engineering Corp.
Helwig Co.
National Carbon Co., Inc.
Ohio Carbon Co.

**Grinders, Portable**
Campbell & George
General Electric Supply Co.
Graybar Electrical Co., Inc.
F. M. Nicholas Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Grounding Devices**
Agencies Co.
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Eichorn & Melchior
General Electric Supply Co.
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Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Ground Rods**
Jasper Blackburn Products Corp.
Copperweld Steel Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Hubbard & Co.
C. E. Ingalls
Jas. R. Kearney Corp.
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Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
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Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Hangers, Cable—Conduit Box**
Appleton Elec. Co.
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General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
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Squires & Marshall
Steel City
Unistrut Products Co.
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Westinghouse Elec. Supply Co.

**Heaters, Air**
Benndorff, Wm.
Benz Co., Fred D.
Bran Co., Frank H.
Condon Co., Earl S.
E. B. Cook Co.
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Electromode Corp.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Gratiot & Sons, C. J.
Graybar Elec. Co.
Kirk-Palka Co.
La Salle Lighting Prod., Inc.
Markel Elec. Prod., Inc.
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Meier Elec. & Machine Co., Inc.
Montgomery Bros.
Randolph Co., H. J.
Russell & Co.
Lombard Smith
Smallcomb Elec. Co.
Trade-Winds Motorfans
Wesix Elec. Heater Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

**Heaters, Industrial**
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General Electric Supply Co.
Graybar Elec. Co.
Rockbestos Prod. Corp.
Russell & Co.
Smallcomb Elec. Co.
Westinghouse Elec. Co.
Westinghouse Elec. Supply Co.

**Heaters, Portable**

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General Electric Co.
General Electric Supply Co.
La Salle Lighting Prod. Co.
Markel Elec. Prod. Co.
Meier Elec. & Machine Co. Inc.
Russell & Co.
Wesix Elec. Heater Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

**Heating Element**

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Driver-Harris Co.
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General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Hartford Element Co., Inc.
Kirk-Palka Co.
Montgomery Bros.
Montgomery Bros.
Russell & Co.
Wesix Elec. Heater Co.
Wesix Electric Heater Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Whelan Co., L. E.
Wilt Co., O. B.

**Heating Element, Infrared**

Graybar Elec. Co.
No. American Elec. Lamp Co.
Panama Lamp & Com'l Co.
Westinghouse Elec. Corp.
Wuelker Infra-Red & Ltg. Co.

**Heating Pads**

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General Electric Supply Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt Co., O. B.

**Horns, Electric**

Federal Enterprises, Inc.
Graybar Elec. Co.
F. M. Nicholas Co.
Sperti-Faraday

**Incandescent Fixtures & Accessories**

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Benz Co., Fred D.
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Bran Co., Frank H.
Brundage, J. H.
Champion Lamp Works
E. B. Cook
Crouse-Hinds Co.
Curtis Lighting, Inc.
Day Brite Lighting
Eichorn & Melchior
General Electric Supply Co.
Globe Lighting Products, Inc.
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Graybar Elec. Co.
Edwin F. Guth Co.
Holophane Co. Inc.
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Jones Metal Prod. Co.
JWRCo., Inc.
Killark Elec. & Mfg. Co.
Line Material Co., Div. McGraw Elec.
Litecraft Mfg. Corp.
McGuire, W. A.
McMillen & Stanley Sales Corp.
James Mundstock
F. M. Nicholas Co.
Panama Lamp & Com. Co.
Penning, J. R.
J. G. Pomeroy
[illegible]lite Mfg. Corp.
Pryne & Co.
Russell & Stoll
Smoot-Holman Co.
H. B. Squires Co.
F. W. Wakefield Brass Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Infrared Equipment**

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General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
JWRCo., Inc.
McMillen & Stanley Sales Corp.
Mitchell Mfg. Co.
Noel Co., Ray J.
North American Electric Lamp Co.
Panama Lamp & Com. Co.
Westinghouse Elec. Corp.
Wuelker Infra-Red & Lighting Co.

**Instrument, Measuring and Recording**

See Ammeters, Ohmmeters, Voltmeters.

**Insulating Materials**

American Steel & Wire Co.
Anaconda Wire & Cable Co.
Anderson Co., Kenneth
Benz Co., Fred D.
Ken H. Best
Bran Co., Frank H.
Cook Co., E. B.
Electrical Specialty Co.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Insulation & Wires, Inc.
Irvington Varnish & Ins. Co.
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Minnesota Mining & Mfg. Co.
Natvar Corp.
F. M. Nicholas Co.
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Thompson, L. W.
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Van Cleef Bros., Inc.
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Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Graybar Elec. Co.
Irvington Varnish & Insulator Co.
Johns-Manville Corp.
Kerite Co.
C. D. LaMoree
Lapp Insulator Co.
New England Mica Prod.
Rome Cable Corp.
Safe-T-Seal Laboratories
Tri-State Supply Corp.
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Van Cleef Bros., Inc.
Victor Insulators, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Condon Co., Earl S.
General Electric Supply Co.
Graybar Elec. Co.
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Line Material Co., Div. McGraw Elec.
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Maydwell & Hartzell, Inc.
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(See Fittings, Insulators)

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Brewer-Titchener Corp.
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Gray Co., George A.
Graybar Elec. Co.
Geo. E. Honn Co.
Hubbard & Co.
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Industrial Eng. & Equip. Co.
Ingalls, C. E.
Jeffery-Dewitt, Div. Line Material Co.
F. D. Kees Mfg. Co.
Kirk-Palka Co.
Kortick Mfg. Co.
Lapp Insulator Co.
Line Material Co., Div. McGraw Elec.
Liner, Joseph
Locke, Dept. of GE Co.
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Gough Industries, Inc.
Gray Co., George A.
Graybar Elec. Co.
Hubbard & Co.
Illinois Elec. Porcelain Co.
Line Material Co., Div. McGraw Elec.
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Maydwell & Hartzell, Inc.
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Panama Lamp & Commercial Co.
Sperti-Faraday
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Westinghouse Elec. Supply Co.
Wuelker Infra-Red & Lighting Co.

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Curtis Lighting, Inc.
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General Electric Supply Co.
Gough Industries, Inc.
George A. Gray Co.
Graybar Elec. Co.
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Panama Lamp & Commercial Co.
Pass & Seymour, Inc.
J. G. Pomeroy Co.
Prussia Co., Robt. R.
Sylvania Elec. Prod. Co.
Union Insulating Co., Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Lamps, Fluorescent**
Benndorff, Wm.
General Elec. Co.
General Electric Supply Co.
Gough Industries
Graybar Elec. Co., Inc.
Gratiot & Sons, C. J.
Kaufman, Leo
McMillen & Stanley Sales Corp.
Panama Lamp & Commercial Co.
Westinghouse Elec. Corp.
Wuelker Infra-Red & Lighting Co.

**Lamps, Incandescent**
The Frank H. Bran Co.
Champion Lamp Works
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Gratiot & Sons, C. J.
Graybar Elec. Co.
Industrial Electronics
Kaufman, Leo
Liner, Joeph
Line Material Co., Div. McGraw Elec.
McMillen & Stanley Sales Corp.
North American Elec. Lamp Co.
Panama Lamp & Commercial Co.
Sylvania Elec. Products, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wuelker Infra-Red & Lighting Co.

**Lamps, Mercury Vapor**
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General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Edwin F. Guth Co.
Industrial Electronics
Kaufman, Leo
Miller Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wuelker Infra-Red & Lighting Co.

**Lamps, Portable, Clamp**
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Brundage, J. H.
Bussmann Mfg. Co.
Crouse-Hinds Co.
Day Brite Lighting Inc.
Eichorn & Melchior
General Electric Supply Co.
Edwin F. Guth Co.
Kaufman, Leo
Levin, M.
Lightolier Co.
Lighting Products Corp.
Liner, Joseph
W. N. Matthews Corp.
Miller Co.
Mitchell Mfg. Co.
North American Elec. Lamp Co.
Russell & Stoll
Sylvania Elec. Prod.
F. W. Wakefield Brass Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Lamp Replacers**
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Graybar Elec. Co.
Line Material Co., Div. McGraw Elec.
W. N. Matthews Corp.
J. G. Pomeroy Co.
Waltham De Witt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Lamp, Spot**
(see Floodlights)

**Lighting Equipment**
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Appleton Elec. Co.
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Benndorff, Wm.
Benz Co., Fred D.
Bracken Sales Agency
Bran Co., Frank H.
Brundage, J. H.
Champion Lamp Works
Chapman, J. M.
E. B. Cook Co.
O. W. Coombs
Crouse-Hinds Co.
Curtis Lighting, Inc.
Day-Brite Lighting, Inc.
Eichorn & Melchior
Federal Enterprises, Inc.
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General Electric Supply Co.
General Lighting Co.
General Luminescent Corp.
Globe Lighting Prod., Inc.
Gough Industries, Inc.
Gratiot & Sons, C. J.
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Graybar Elec. Co.
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Murphy-Hain Co.
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Panama Lamp & Commercial Co.
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Prescolite Mfg. Corp.
Quadrangle Mfg. Co.
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Wuelker Infra-Red & Lighting Co.

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Benz Co., Fred D.
Bracken Sales Agency
Bran Co., Frank H.
E. B. Cook Co.
Crouse-Hinds Co.
Eichorn & Melchior
Federal Enterprises
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Gray Co., George A.
Graybar Elec. Co.
Holophane Co., Inc.
Hubbard & Co.
The Jones Metal Prod. Co.
Kaufman, Leo
Line Material Co., Div. McGraw Elec.
Liner, Joseph
McGuire, William A.
Marco Industries Co.
F. M. Nicholas Co.
Penning, J. R.
Pomeroy Co., J. G.
Revere Elec. Mfg. Co.
Russell & Stoll
S & M Lamp Co.
Square D Co.
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Sylvania Elec. Products Co.
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Lindsey, Harry N.
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Wuelker Infra-Red & Lighting Co.

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Eichorn & Melchoir
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General Electric Supply Co.
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Westinghouse Elec. Corp.
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**Lightning Arresters**
(See Arresters)

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Mathias Klein & Sons
Maydwell & Hartzell, Inc.
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Randolph Co., H. J.
Western Hardware & Tool Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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General Switch Corp.
Moloney Elec. Co.
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Square D Co.
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Westinghouse Elec. Corp.
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Carder Co., John
Cole Instrument Co.
Delta Star Elec. Co.
Eichorn & Melchior
Electrical Specialty Co.
General Elec. Co.
Gough Industries, Inc.
Graybar Elec. Co.
Geo. E. Honn Co.
Kirk-Palka Co.
Matthews Corp., W. N.
National Elec. Prod. Co.
F. M. Nicholas Co.
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Luminous Ceilings, Inc.
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Squires, H. B.
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Maydwell & Hartzell, Inc.
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Roller-Smith Corp.
**T. R. Routh Co.**
**Sangamo Elec. Co.**
Thompson, L. W.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
**T. S. Wood**

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Duncan Elec. Co.
General Elec. Co.
General Electric Supply Co.
**Murray Mfg. Co.**
Prussia Co., Robt. B.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Duncan Electric Mfg. Co.
General Electric Co.
General Electric Supply Co.
Graybar Electric Co.
Nott, L. A.
Sangamo Electric Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wood, T. S.

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**General Elec. Co.**
**C. D. LaMoree**
Marwood Ltd.
C. H. Mitchell Co.
New England Mica Co.
**Tri-State Supply Corp.**
**Westinghouse Elec. Corp.**

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Insulation & Wires, Inc.
C. D. La Moree
Marwood Ltd.
New England Mica Co.
C. H. Mitchell Co.

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Keystone Carbon Co., Inc.
Ohio Carbon Co.

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Campbell & George Co.
Cramer Co., R. W.
**Electrical Specialty Co.**
**General Elec. Co.**
General Electric Supply Co.
Geraty Engineering Specialties
Gough Industries, Inc.
Graybar Elec. Co.
**JWR Co.**
**Kato Engineering Co.**
Lombard Smith Co.
McCulloch Motors Corp.
Routh Co., T. R.
**Smallcomb Elec. Co.**
Lombard Smith Co.
H. B. Squires Co.
**Wagner Elec. Corp.**
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Williams Co., Allen I.
Young & Co., Robt. A.

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**Gough Industries, Inc.**
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**James Mundstock**
**T. R. Routh Co.**
Russell & Stoll
**Smallcomb Elec. Co.**
**Square D Co.**
Trumbull, Dept. GE Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
**Young & Co., Robt. A.**

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**Electrical Specialty Co.**
**General Elec. Co.**
General Electric Supply Co.
Graybar Elec. Co.
Ryals Co., K. M.
**Signal Elec. Mfg. Co.**
Wagner Elec. Corp.
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Graybar Elec. Co.
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**Shell Oil Co.**
**Standard Oil Co.**

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General Electric Supply Co.
Gough Industries, Inc.
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**Standard Oil Co.**
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Westinghouse Elec. Supply Co.

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Eichorn & Melchior
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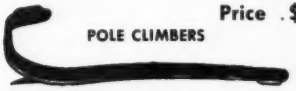

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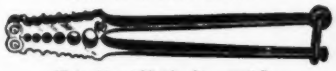

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General Electric Supply Co.
Gough Industries, Inc.
George Gray Co.
Graybar Elec. Co.
Kirk-Palka Co.
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Graybar Electric Co., Inc.
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Maydwell & Hartzell, Inc.
McCormick & Baxter Creosoting Co.
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J. G. Pomeroy Co.
Porcelain Insulator Co.
Porcelain Products, Inc.
Square D Co.
The R. Thomas & Sons Co.
Victor Insulators, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Delta Star Electric Div.
Electric Agencies, Inc.
G & W Electric Specialty
Gough Industries, Inc.
Graybar Elec. Co.
C. E. Ingalls
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Kamphausen Co., Dan
James R. Kearney Corp.
Maydwell & Hartzell, Inc.
McCormick & Baxter Creosoting Co.
Standard Oil Co.
Wood, Tom S.

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Graybar Elec. Co.
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Graybar Elec. Co.
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Hubbard & Co.
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Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
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Maydwell & Hartzell Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Public Address Systems**
Graybar Elec. Co.
Webster Elec. Co.

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General Electric Supply Co.
Kearney Corp., James R.
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Nicholas, F. M.
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Sherman Mfg. Co., M. B.
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Westinghouse Elec. Supply Co.

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Greenlee Tool Co.
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Mathias Klein & Sons
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Foster-Wheeler Corp.

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Geraty Engineering Specialties
Graybar Elec. Co.

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Gough Industries, Inc.
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Graybar Elec. Co.
National Elec. Prod. Co.
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Square D Co.
Trumbull, Dept. GE Co.
Western Switchboard Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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G & W Elec. Specialty
Hubbard & Co.
Kortick Mfg. Co.
Line Material Co., Div. McGraw Elec.
Lint Co., Clyde W.
Locke, Dept. GE Co.
Murray Mfg. Corp.
Nat'l Elec. Products
Squires & Marshall
Unistrut Prod. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Condon, Earl S.
Roberson Co., L. N.
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Eichorn & Melchior
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Hill Sales Co., J. T.
Maydwell & Hartzell, Inc.
Ohio Carbon Co.
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Graybar Elec. Co.
Hotpoint, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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General Electric Supply Co.
Murray Mfg. Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Burbank Elec'l Prod.
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Gough Industries, Inc.
Graybar Elec. Co.
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Ernest F. Hauck Co.
Hykon Mfg. Co.
Ideal Industries, Inc.
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Matthews Corp., W. N.
McCabe Powers Auto Body Co.
Penning, J. R.
J. G. Pomeroy
Waltham, DeWitt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Carlson, Fred W.
Bakeman & Associates, C. T.
Crouse Hinds Co.
Curtis Lighting, Inc.
Day-Brite Lighting, Inc.
General Elec. Co.
Geo. A. Gray Co.
Graybar Elec. Co.
Edwin F. Guth Co.
Holophane Co., Inc.
Jones Metal Products Co.
Kearney Corp., James R.
Line Material Co., Div. McGraw Elec.
Matthews Corp., W. N.
Maydwell & Hartzell, Inc.
F. M. Nicholas Co.
Pacific Elec. Mfg. Corp.
Randolph Co., H. J.
RLM Standards Institute, Inc.
S & M Lamp Co.
Smoot-Holman Co.
H. B. Squires Co.
Westinghouse Elec. Corp
Westinghouse Elec. Supply Co.
Wuelker Infra-Red & Lighting Co.

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Eichorn & Melchior
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Graybar Elec. Co.
Hill Sales Co., J. T.
Ingalls, C. E. & Sons
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Kirk-Palka Co.
Maydwell & Hartzell, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Williams Co., Allen I.

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Benz Co., Fred D.
Bran Co., Frank H.
O. W. Coombs
Crouse-Hinds Co.
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Day-Brite Lighting, Inc.
Eichorn & Melchior
General Elec. Co.
Gough Industries, Inc.
Gray Co., Geo. A.
Graybar Elec. Co.
Edwin F. Guth Co.
The Jones Metal Prod. Co
Line Material Co., Div. McGraw Elec.
Nicholas Co., F. M.
Noel Co., Ray J.
Pomeroy Co., J. G.
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Kearns Co., James L.
Kirk-Palka Co.
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Moloney Elec Co.
Northwestern Agencies
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Square D Co.
The States Co.
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Westinghouse Elec. Supply Co.

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Eichorn & Melchior
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General Elec. Co
General Electric Supply Co.
Geraty Engineering Specialties
Gough Industries, Inc.
Graybar Elec. Co.
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I-T-E Circuit Breaker Co.
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Kearns Co., James L.
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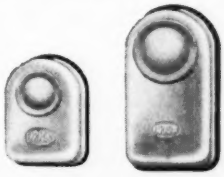

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Wilt, O. B.

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Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
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Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Graybar Elec. Co., Inc.
Hubbard & Co.
James R. Kearney Corp.
Killark Elec. Mfg. Co.
Kortick Mfg. Co.
Lapp Insulator Co.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maydwell & Hartzell, Inc.
Nat'l Elec. Prod. Corp.
F. M. Nicholas Co.
Ohio Brass Co.
Penn-Union Elec. Corp.
Reliable Elec. Co.
H. B. Sherman Mfg. Co.
Western Hardware & Tool Co.
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Westinghouse Elec. Supply Co.

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Kearns Co., James L.
Mathias Klein & Sons
Wallace Co., Walter E.
Western Hardware & Tool Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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Mundstock, James
Kortick Mfg. Co.
Westinghouse Elec. Corp.

**Service Organizations**

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Pacific Const Elec'l Ass'n
Pacific Const Elec'l Bureau
Pacific Gas & Elec. Co.
RLM Standards Institute, Inc.
So. Calif. Edison Co., Ltd.
Union Pacific R. R. Co.

**Signals**

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General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
George A. Gray Co.
Graybar Elec. Co.
Maydwell & Hartzell, Inc.
F. M. Nicholas Co.
J. G. Pomeroy Co.
Prussia Co., Robt. R.
Sperti-Faraday
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Signs, Electrical**

Bartlett Mfg. Co.
Day-Brite Lighting, Inc.
General Electric Supply Co.
Maydwell & Hartzell, Inc.
Mundstock, James
Reliance Sales
Sperti-Faraday

**Sirens**

Kenneth M. Anderson Co.
Benjamin Elec. Mfg. Co.
Federal Enterprises, Inc.
General Electric Supply Co.
Gough Industries, Inc.
Geo. A. Gray Co.
Graybar Elec. Co.
F. M. Nicholas Co.
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Westinghouse Elec. Corp.
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**Sleeves, Wire Splicing**

Anaconda Wire & Cable
Buchanan Elec'l. Prod. Corp.
John Carder Jr., Co.
Burndy Eng. Co.
Electrical Specialty Co. Inc.
Gough Industries, Inc.
Graybar Elec. Co.
Jas. R. Kearney Corp.
C. D. La Moree
Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
National Tele. Supply Co.
Nicholas, F. M.
Penn-Union Elec. Corp.
Reliable Elec. Co.
H. B. Sherman Mfg. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Sockets**

Benjamin Elec. Mfg. Co.
Cook Co., E. B.
General Elec. Co.
Line Material Co., Div. McGraw Elec.
McGuire, Wm. A.
Murray Mfg. Co.
Pass & Seymour
Pomeroy Co., J. G.
Pyle National Co.
Union Insulating Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Solders, All Types & Soldering Equipment**

L. B. Allen Co.
O. W. Coombs
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Gough Industries, Inc.
Graybar Elec. Co.
Lint Co., Clyde W.
Panama Lamp & Commercial Co.
Russell & Co.
H. B. Squires Co.
Tri-State Supply Corp.

**Spacers, Underground Duct**

Allied Industries, Inc.
Eichorn & Melchior
Insulating Refractories Co.
Maydwell & Hartzell, Inc.
Soapstone Duct Co.

**Solenoids**

Allen-Bradley Co.
Burton Equipment Co., Inc.
Cannon Elec. Co.
Eichorn & Melchior
General Electric Co.
General Elec. Supply Co.
Geraty Eng. Specialties
Roeblings Sons Co., John A.
Square D Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Starters, Fluorescent Lamp**

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Certified Starters
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Indiana Steel & Wire Co.
C. E. Ingalls & Sons
James R. Kearney Corp.
Panama Lamp & Commercial Co.
Reliance Sales Corp.
Sylvania Elec. Prod. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wuelker Infra-red & Lighting Co.

**Starters, Motor, Electric**

Allen-Bradley Co.
Allis-Chalmers Mfg. Co.
Campbell & George Co.
Easterbrook, H. D.
Federal Electric Products
General Electric Co.
General Electric Supply Co.
Geraty Eng. Specialties
Maydwell & Hartzell, Inc.
Mundstock, James
Randolph Co., H. J.
Ryals Co., Ken
Trumbull Elec. Dept. G.E. Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

**Stokers**

Combustion Engineering, Superheater, Inc.
Foster-Wheeler Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Strand, Guy**

Bethlehem Steel Co.
Copperweld Steel Co.
Gough Industries, Inc.
Graybar Elec. Co.
Indiana Steel & Wire Co.
Ingalls, C. E., & Sons
Kearney Corp., James R.
Line Material Co., Div. McGraw Elec.
Locke, Dept. GE Co.
Maywell & Hartzell, Inc.
Roebling's Sons Co., John A.

**Street Lighting Equipment**

Benjamin Elec. Mfg. Co.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Holophane Co., Inc.
Hubbard & Co.
Line Material Co., Div. McGraw Elec.
Matthews Corp., W. N.
Multi Elec. Mfg. Co.
Waltham, De Witt & Krusi
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wuelker Infra-Red & Lighting Co.

**Structural Steel Products**

Benz Co., Fred
Honn Co., Geo. E.
Pacific Coast Eng. Co.
Squires & Marshall
Unistrut Prod. Co.

**Substations, Outdoor and Indoor**

Allis-Chalmers Mfg. Co.
Delta Star Electric Div.
General Elec. Co.
Gough Industries, Inc.
Honn Co., Geo. E.
I-T-E- Circuit Breaker Co.
James R. Kearney Corp.
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
Moloney Elec.
Pacific Elec. Mfg. Corp.
Randolph Co.
Ryals Co., Ken
S & C Electric Co.
Schwager-Wood Corp.
Sorgel Elec. Co.
Southern States Equip. Co.
Unistrut Products Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Substations, Unit**

Allis-Chalmers Mfg. Co.
Campbell & George Co.
Easterbrook, H. D.
General Elec. Co.
Graybar Elec. Co.
Honn Co., Geo. E.

**Substations Unit**—Continued
I-T-E Circuit Breaker
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Sorgel Electric Co.
Wagner Elec. Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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**Ohio Brass Co.**
**O. Z. Elec'l Mfg. Co.**
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Penn-Union Elec. Corp.
Porcelain Insulator
Ryals Co., K. M.
**S & C Elec. Co.**
Schwager-Wood Corp.
Steel City
**Square D Co.**
Squires & Marshall
Trumbull, Dept. GE Co.
**Unistrut Products Co.**
Victor Insulators, Inc.
**Westinghouse Elec. Corp.**
Westinghouse Elec. Supply Co.

**Supports, Conduit**
Appleton Elec. Co.
Benz Co., Fred D.
Crouse-Hinds Co.
Graybar Elec. Co., Inc.
Honn Co., Geo. E.
Kindorf Co.
Line Material Co., Div. McGraw Elec.
Murray Mfg. Corp.
Steel City Electric
Unistrut Products
Wallace Co., Walter E.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

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Kirk-Palka Co.

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Graybar Elec. Co.
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**Safety Switchboard Co.**
Square D Co.
Trumbull, Dept. GE Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

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**Allis-Chalmers Mfg. Co.**
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Campbell & George Co.
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**Earl S. Condon Co.**
Federal Elec. Products Co.
**General Elec. Co.**
General Electric Supply Co.
Geraty Eng. Specialties
**Gough Industries Inc.**
Graybar Elec. Co.
I-T-E Circuit Breaker Co.
**Kirk-Palka Co.**
McGuire, Wm. A.
**Meyers Safety Switch Co.**
**Mullenbach Elec'l. Mfg. Co.**
**James Mundstock**
Randolph Co., H. J.
Roller-Smith Corp.
**Safety Switchboard Co.**
Smith Co., Lombard
**Square D Co.**
L. W. Thompson
Trumbull, Dept. GE Co.
Western Switchboard Co.
**Westinghouse Elec. Corp.**
Westinghouse Elec. Supply Co.

**Switches, Appliance**
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**Walter E. Wallace Co.**

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Eichorn & Melchior
General Elec. Co.
I-T-E Circuit Breaker Co.
Russell & Stoll
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Switches, Clock Controlled**
**Agencies Co.**
Cramer Co., R. W.
Eichorn & Melchior
**Electric Sales Co.**
**General Electric Co.**
Gough Industries, Inc.
**Graybar Elec. Co.**
Line Material Co., Div. McGraw Elec.
**Maydwell & Hartzell, Inc.**
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Pomeroy Co., J. G.
**Reliance Automatic Lighting Co.**
**Sangamo Electric Co.**
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**The Tork Clock Co.**
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**Westinghouse Elec. Corp.**
Westinghouse Elec. Supply Co.

**Switches, Disconnect**
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**Earl S. Condon Co.**
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C. E. Ingalls & Sons
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KPF Electric Co.
Kearney Corp., James R.
**F. D. Kees Mfg. Co.**
**Kirk-Palka Co.**
Line Material Co., Div. McGraw Elec.
Liner, Joseph
W. N. Matthews Corp.
Maydwell & Hartzell, Inc.
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Russell & Stoll
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**Safety Switchboard Co.**
**Schwager - Wood Corp.**
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**Square D Co.**
**Thompson, L. W.**
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**Russell & Stoll**
Sylvania Elec. Prod. Co.
**Westinghouse Elec. Corp.**
Westinghouse Elec. Supply Co.

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Westinghouse Elec. Supply Co.

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**Switches, Heater**
General Elec. Co.
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Square D Co.
Westinghouse Electric Corp.
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**Switches, High Tension**
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Line Material Co., Div. McGraw Elec.
Matthews Corp., W. N.
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**Switches—Pressure—Cont.**

Gough Industries, Inc.
Graybar Elec. Co.
Lundy, Ralph B.
Mercoid Corp.
Montgomery Bros.
Square D Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

**Switches, Remote Control**

Campbell & George Co.
Delta Star Elec. Div.
Federal Elec. Prod. Co.
General Electric Co.
Gough Industries, Inc.
Graybar Elec. Co.
Kirk-Palka Co.
Line Material Co., Div. McGraw Elec.
Mullenbach Elec'l Mfg. Co.
Mundstock, James
Square D Co.
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

**Switches, Rotary**

Cole Instrument Co.
Cook, E. B.
General Elec. Co.
Montgomery Bros.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Switches, Safety**

Allied Industries
The Frank H. Bran Co.
BullDog Elec. Products Co.
Campbell & George
Crouse-Hinds Co.
Delta Star Elec. Div.
Federal Elec. Products Co.
General Elec. Co.
General Electric Supply Co.
General Switch Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Kirk-Palka Co.
Maydwell & Hartzell, Inc.
Meyers Safety Switch Co., Inc.
Mongerson's Elec'l Mach. Works
Montgomery Bros.
Murray Mfg. Co.
Northwest Sales Co.
Northwestern Agencies
Pyle-National Co.
The T. R. Routh Co.
Safety Switchboard Co.
Square D Co.
L. W. Thompson
Trumbull, Dept. GE Co.
Wadsworth Elec. Mfg. Co.
Western Switchboard Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Switches, Thermostat Controlled**

Allen-Bradley Co.
Easterbrook, H. D.
General Elec. Co.
Gough Industries, Inc.
Graybar Elec. Co.
Mercoid Corp.
Montgomery Bros.
Murray Mfg. Corp.
Square D Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Switches, Time**

Allen-Bradley Co.
Allied Industries
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Cook, E. B.
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General Electric Supply Co.
Gough Industries, Inc.
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Line Material Co., Div. McGraw Elec.
Maydwell & Hartzell, Inc.
Mercoid Corp.
Meter Devices Co.
Montgomery Bros.
James Mundstock
Murray Mfg. Corp.
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Reliance Automatic Lighting Co.
Sangamo Elec. Co.
The Tork Clock Co., Inc.
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Westinghouse Elec. Supply Co.
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Tom S. Wood

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John A. Roebling's Sons Co.
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Westinghouse Elec. Supply Co.

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Mitchell, C. H.
Van Cleef Bros.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

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E. B. Cook Co.
Electrical Specialty Co.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Johns-Manville
Levin, M.
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Okonite Company
Arthur E. Rowe
Prussia Co., Robt. R.
U. S. Rubber Co.
Van Cleef Bros.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Tapes, Plastic**

Electrical Specialty Co.
Gough Industries, Inc.
Irvington Varnish & Ins. Co.
C. D. LaMoree
Minnesota Mining & Mfg. Co.
Natvar Corp.
Van Cleef Bros., Inc.

**Tapes, Varnished or Oiled**

Benz Co., Fred D.
Electrical Specialty Co.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Irvington Varnish & Insulator Corp.
C. D. LaMoree
Minnesota Mining & Mfg. Co.
Mitchell, C. H.
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Locke, Dept. GE Co.
Matthews Corp., W. N.
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National Tel. Supply Co.
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E. B. Cook Co.
Crouse-Hinds Co.
Gough Industries, Inc.
Graybar Electric Co.
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**Terminal Blocks**

Buchanan Elec'l Prod. Corp.
General Elec. Co.
Graybar Elec. Co.
Geo. E. Honn Co.
Meter Devices, Inc.
Fred M. Nicholas Co.
Penn-Union Elec. Co.
Ryals Co., K. M.
The States Co.

**Terminals, Cable**

Kenneth Anderson Co.
The Frank H. Bran Co.
Buchanan Elec. Prod. Corp.
Burndy Eng. Co. Inc.
Carder Co., John
Earl S. Condon Co.
Delta Star Elec. Div.
Eichorn & Melchior
General Cable Corp.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Ernest F. Hauck Co.
C. E. Ingalls
Kirk-Palka
Line Material Co., Div. McGraw Elec.
F. M. Nicholas Co.
O. Z. Elec'l Mfg. Co.
Penn-Union Elec. Corp.
Reliable Elec. Co.
Safety Switchboard Co.
H. B. Sherman Mfg. Co.
The States Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Test Blocks**

Anchor Mfg. Co.
Federal Elec. Products Co.
Honn Co., Geo. E.
Meter Devices Co.
Murray Mfg. Corp.
Nott, L. A.
Prussia Co., Robt. B.
States Co.

**Testing Devices, Hi-Voltage**

General Electric Co.
General Elec. Supply Co.
Kearns Co., James L.
Matthews Corp., W. N.
Nourse Equip. Co.
Safety Electric Equipment Co.
Waltham, DeWitt & Krusi

**Testing Devices**

Ken H. Best
Booth Co., Arthur E.
John G. Corrin
General Elec. Co.
Graybar Elec. Co.
Holub Ind., Inc.
Geo. E. Honn Co.
Ideal Industries, Inc.
James R. Kearney Corp.
Kearns Co., James L.
Matthews Corp., W. N.
Meter Devices Co.
L. A. Nott
Nourse Equip. Co.
T. R. Routh Co.
S & C Electric Co.
Square D Co.
The States Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wood, Tom S.

**Timers**

Campbell & George Co.
Eichorn & Melchior
Mundstock, James
L. A. Nott
Sangamo Elec. Co.
Square D Co.
Tork Clock Co., Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
T. S. Wood

**Tools, Misc.**

Agencies Co.
Bartlett Mfg. Co.
Benz Co., Fred D.
Best, Ken H.
Briegel Method Tool Co.
Buchanan Elec'l Prod. Co.
Burbank Elec. Prod.
A. B. Chance Co.
Chapman Co., J. M.
Cope, Inc., T. J.
Dickson, A. L.
Fargo Mfg. Co. Inc.
General Elec. Co.
General Electric Supply Co.
Frank W. Gorman
Gough Industries, Inc.
George A. Gray Co.
Graybar Elec. Co.
Greenlee Tool Co.
Ernest F. Hauck Co.
Geo. E. Honn Co.
Kearns Co., James L.
Kortick Mfg. Co.
James R. Kearney Corp.
Kennamental, Inc.
Kett Tool Co.
Mathias Klein & Sons
Clyde W. Lint
Line Material Co., Div. McGraw Elec.
McCulloch Motors Corp.
Maydwell & Hartzell, Inc.

**Tools—Cont.**

F. M. Nicholas
J. G. Pomeroy Co.
Randolph Co., H. J.
Ridge Tool Co.
Signal Elec. Mfg. Co.
Smith Co., Seth
Tri-State Supply Corp.
Western Hardware & Tool Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Torches**

Benz Co., Fred D.
General Elec. Supply Co.
Mathias Klein & Sons
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Transformers—All Types**

Kenneth M. Anderson Co.
Allis-Chalmers Mfg. Co.
Benz Co., Fred D.
C. C. Blecksmith
Bracken Sales Agency
Bran Co., Frank H.
Burton Equipment Co., Inc.
Campbell & George Co.
Cole Instrument Co.
Control Corp.
E. B. Cook
John G. Corrin
Duncan Elec. Mfg. Co.
H. D. Easterbrook
Electric Equipment Co.
Gardner Elec. Mfg. Co.
General Elec. Co.
General Elec. Supply Co.
Graybar Elec. Co.
Hill Sales Co., J. T.
Geo. E. Honn Co.
Jeffries Transformer Co.
Killark Elec. Mfg. Co.
Kirk-Palka Co.
Kuhlman Elec. Co.
Line Material Co., Div. McGraw Elec.
Marcus Transformer Co.
Maydwell & Hartzell, Inc.
McMillen & Stanley Co.
Moloney Electric Co.
Nott, L. A.
Oliver B. Lyman
Pomeroy Co., J. G.
Sangamo Elec. Co.
Sorgel Elec. Co.
Sperti-Faraday
H. B. Squires Co.
Wagner Electric Corp.
Webster Elec. Co.
Western Transformer Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Williams Co., Allen I.
Tom Wood
Young & Co., Robert A.

**Transmission Towers Steel**

Bethlehem Steel Co.
Maydwell & Hartzell, Inc.

**Trash Rakes**

Smith, S. Morgan

**Tree, Trimming Equip.**

Bartlett Mfg. Co.
Bracken Sales Agency
Dickson, A. L.
General Electric Supply Co.
Graybar Elec. Co.
Geo. E. Honn Co.
Line Material Co., Div. McGraw Elec.
Western Hdwe. & Tool

**Trolley Systems**

Allied Industries, Inc.
Campbell & George
Ryals Co., Ken
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Trucks, Trailers and Equipment**

Artisan Products, Inc.
Four Wheel Drive Auto Co.
Graybar Elec. Co.
Highway Trailer Co.
McCabe Powers Auto Body Co.
Tel-E-Lect Products, Inc.

**Tubes, Boiler**

Combustion Engineering, Superheater, Inc.
Foster-Wheeler Corp.

**Tubes-Electronic**

Champion Lamp Works
General Elec. Electronics Dept.
Graybar Elec. Co.
Hill Sales Co. J. T.
Panama Lamp & Com'l Co.
Sperti, Inc.
Sylvania Elec. Prod. Inc.
Taufenbach, Les.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Tubes, Mercury Contact**

Anderson Co., Kenneth
Buchanan Elec'l Products Co.
General Elec. Co.
General Electric Supply Co.
Mercoid Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wuelker Infra-Red & Lighting Co.

**Tubes, Rectifier**

Allis-Chalmers Mfg. Co.
Eichorn & Melchior
Federal Tel & Radio Corp.
General Elec. Co.
General Electric Supply Co.
Hill Sales Co., J. T.
Maydwell & Hartzell
Sylvania Elec. Prod.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Tubing, Elec'l Metallic**

Aluminum Co. of America
Bran Co., Frank H.
Columbia Cable & Elec. Corp.
Electric Agencies, Inc.
Electrical Specialty Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Ernest F. Hauck
Murphy-Hain Co.
Nat'l Elec. Prod. Corp.
J. G. Pomeroy Co.
Prussia Co., Robert R.
Rome Cable Corp.
Rowe, Arthur E.
Spang-Chalfant
Westinghouse Elec. Corp.
Westinghouse Elec. Supply
Youngstown Steel & Tube Co.

**Tubing, Flexible Insulating**

Allied Industries
Electrical Specialty Co.
General Elec. Co.
Irvington Varnish & Insulator Co.
Johns-Manville
C. D. LaMoree
C. H. Mitchell Co.
Murphy-Hain Co.
Nat'l Elec. Prod. Corp.
Natvar Corp.
Tri-State Supply Corp.

**Turbines**

Allis-Chalmers Mfg. Co.
E. B. Cook
General Electric Co.
General Elec. Supply Co.
Pyle-National Co.
Smith, S. Morgan
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Ultraviolet Lamps & Fixtures**

California Ultraviolet Co.
General Electric Co.
General Electric Supply Co.
Sylvania Electric Products, Inc.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Units, Range Heater**

General Elec. Co.
General Electric Supply Co.
Graybar Elec. Co.
Montgomery Bros.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Vacuum Cleaners—See Appliances**

**Valves**

Lundy, Ralph B.
Oliver B. Lyman
Ohio Brass Co.
Smith Co., S. Morgan

**Varnishes, Insulation**

Electrical Specialty Co.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Irvington Varnish & Insulator Co.
C. D. LaMoree
Mitchell, C. H.
Schenectady Varnish Co., Inc.
Tri-State Supply Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

Built to ASA and NEMA Standards

BURTON

Most Popular Ratings Available from Stock

**Complete Line of Dry Type**

INDOOR AND OUTDOOR

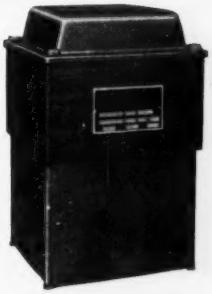
**Distribution Transformers**

All Sizes through 300kva

**Floor Mounting**
type CF with Removable Plates
for pull box or direct conduit connection
100kva through 300kva

**Floor Mounting**
type CF
10kva through 75kva

**Wall Mounting**
type CW
5kva through 15kva
This type mounting can be furnished in other sizes.



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type EM
50 va through 3kva

BURTON PRODUCTS CARRY A ONE YEAR WARRANTY ON MATERIAL AND WORKMANSHIP.

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**Linemen's Tools and Safety Equipment**

**Representing**

**PREMAX PRODUCTS**

**BUCKINGHAM MANUFACTURING COMPANY**

**WICKMAN GLOVE COMPANY**

**FANNO TREE SAWS**

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Quality motor control

**Automatic Control Co.**
Liquid level controls
Telemetering controls

**Eagle Signal Corporation**
Industrial timers

**Sorgel Electric Company**
Dry type distribution transformers

**Counter & Control Corp.**
Cyclo-Monitoring Devices

**Lexington Electric Prod. Corp.**
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**Helwig Company,** Motor and Generator Brushes

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Spot and Seam Welders
Spot Welder Tips and Supplies
Seam Welder Discs and Supplies

**Barksdale Valves**
Barksdale "Shear Seal" Valves
Crescent 4-Way Magnetic Valves
Meletron Pressure Switches

**Burling Instrument Co.**
Temperature Controls and Equipment

**Cornish Wire Co., Inc.**
**MANUFACTURERS**
**OF**
**Flexible Cord - Cord Sets**
**&**
**Electronic Wires**

**John M. Fincke Co.**
**REPRESENTATIVES**
**1340 E. Sixth St. TRinity 4758**
**Los Angeles 21, Calif.**
**330 10th St. HEmlock 1-4470**
**San Francisco, California**

**Ventilators**
(See Fans)

**Wall Plates**
Eichorn & Melchior
McMillen & Stanley Sales Corp.
Pass & Seymour
Pomeroy Co., J. G.
Prussia Co., Robt. R.
W. E. Wallace Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Washers, Clothes**
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Gratiot & Sons, E. J.
Graybar Elec. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Wilt, O. B.

**Wattmeters**
C. C. Blecksmith
Duncan Elec. Mfg. Co.
General Elec. Co.
Graybar Elec. Co.
L. A. Nott
The T. R. Routh Co.
Sangamo Elec. Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Water Cooling Towers**
Foster-Wheeler Corp.

**Water Wheels**
Allis-Chalmers Mfg. Co.
Smith, S. Morgan

**Welding Controls & Totalizers**
General Elec. Co.
The T. R. Routh Co.
Square D Co.

**Welding Equip. & Accessories, Elec.**
Allis-Chalmers Mfg. Co.
Bracken Sales Agency, W. M.
Eichorn & Melchior
Erico Products, Inc.
General Elec. Co.
Graybar Elec. Co.
Industrial Eng. & Equip. Corp.
Lundy, Ralph B.
MacMillen & Stanley Sales Corp.
National Carbon Co., Inc.
Ohio Brass Co.
The T. R. Routh Co.
Russell & Stoll
Ryals Co., K. M.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Winches**
Four Wheel Drive Auto Co.
Highway Trailer Co.
McCabe Powers Auto Body Co.
Tel-E-Lect Products, Inc.

**Wire**
Agencies Company
Allied Industries
American Steel & Wire Co.
Anaconda Wire & Cable Co.
M. B. Austin Co.
Benndorff, Wm.
Benz Co., Fred D.
John Carder Jr., Co.
Chapman Co., J. M.
Earl S. Condon Co.
Copperweld Steel Co.
Cornish Wire Co., Inc.
Driver-Harris Co.
Eichorn & Melchior
Electrical Specialty Co.
Essex Wire Corp.
Fincke Co., John M.
General Cable Corp.
General Elec. Co.
General Electric Supply Co.
Gough Industries, Inc.
Graybar Elec. Co.
Indiana Steel & Wire Co.
C. E. Ingalls
Kaiser Aluminum & Chem. Corp.
The Kerite Co.
Line Material Co., Div. McGraw Elec.
Joseph Liner
Maydwell & Hartzell, Inc.
McMillen & Stanley Sales Corp.
Miller Electric Co.
Murphy-Hain Co.
National Elec. Products Corp.
Nicholas, F. M.
The Okonite Company
Paranite Wire & Cable Co.
Phelps-Dodge Copper Prod. Corp.
J. G. Pomeroy Co.
Rhode Island Ins. Wire Co.
Rockbestos Products Corp.
John A. Roebling's Sons Co.
Rome Cable Corp.
Simplex Wire & Cable Co.
Triangle Conduit & Cable Co., Inc.
Tri-State Supply Corp.
United States Rubber Co.
United States Steel Corp.
Western Insulated Wire Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.
Young & Co., Robt. A.

**Wire, Bare Resistance**
Driver-Harris Co.
Electrical Specialty Co.
Graybar Elec. Co.
Murphy-Hain Co.
Rome Cable Corp.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

**Wire Grips**
Graybar Elec. Co.
Mathias Klein & Sons
Westinghouse Electric Corp.
Westinghouse Elec. Supply Co.

**Wiring Devices & Supplies**
Agencies Co.
Allied Industries, Inc.
Benjamin Elec. Mfg. Co.
Benndorff, Wm.
Benz Co., Fred D.
Jasper Blackburn Prod. Corp.
Bracken Sales Agency
The Frank H. Bran Co.
Buchanan Elec. Prod. Co.
BullDog Elec. Prod. Co.
J. M. Chapman Co.
Cook, Co., E. B.
Earl S. Condon Co.
Cornish Wire Co., Inc.
Crouse Hinds Co.
Eichorn & Melchior
Electrical Specialty Co., Inc.
Essex Wire Corp.
Fincke Co., John M.
General Elec. Co.
General Electric Supply Co.
General Switch Corp.
Gough Industries, Inc.
C. J. Gratiot & Sons
Geo. A. Gray Co.
Graybar Elec. Co.
Hill Sales Co., J. T.
Geo. E. Honn Co.
Hubbard & Co.
Indiana Steel & Wire Co.
F. D. Kees Mfg. Co.
The Kerite Co.
Kortick Mfg. Co.
Levin, M.
Line Material Co., Div. McGraw Elec.
Joseph Liner
Matthews Corp., W. N.
McMillen & Stanley Sales Corp.
Minerallac Elec. Co.
Mullenbach Elec. Mfg. Co.
James Mundstock
National Tel. Supply Co.
Nicholas Co., F. M.
Panama Lamp & Commercial Co.
Paranite Wire & Cable Co.
Pass & Seymour
Phelps-Dodge Copper Prod. Corp.
Paules, E. G.
Penn-Union Elec. Corp.
J. G. Pomeroy Co.
Porcelain Products, Inc.
Reliable Elec. Co.
H. B. Sherman Mfg. Co.
Square D Co.
Sylvania Elec. Prod. Co.
Union Insulating Co., Inc.
U. S. Rubber Co.
Van Cleef Bros.
Walter E. Wallace Co.
Westinghouse Elec. Corp.
Westinghouse Elec. Supply Co.

The Western States and Hawaii represent 20% of your total market for electrical equipment and supplies . . .

For thorough advertising penetration of this rich market there is no better medium than ELECTRICAL WEST.

The best coverage and highest readership among Western

**UTILITIES**

**CONTRACTORS**

**WHOLESALERS**

and other electrical buying influences in the Western States.

# DIRECTORY of REPRESENTATIVES

A listing by states and cities of manufacturers' Western representatives handling electrical lines. **PAGES 71 - 75**

**DIRECTORY OF MANUFACTURERS**—Alphabetical listing of manufacturers of electrical equipment, showing their principal Western offices and sales representatives. **PAGES 1 - 53.**

**WHERE-TO-BUY IN THE WEST**—Alphabetical listing of various electrical products, showing Western sources. **PAGES 54 - 70.**

**DIRECTORY OF APPLIANCE SERVICE AND REPAIR PARTS**—A listing of electrical appliance manufacturers' Western service stations and parts depots. **PAGES 76 - 92.**

## CALIFORNIA

### Alameda

**STONE CO., W.,** 2315 Lincoln Avenue.

### Altadena

**JONES & ASSOCIATES, EVERETT W.,** 800 Florecita Terrace

**SCHOENBAUM, E. T.,** 2378 Highland Ave.

### Berkeley

**GERATY ENGINEERING SPECIALTIES,** 380 Colusa Ave. **(See advertisement, page 4)**

**LaMOREE, C. D.,** 2221 Fourth St. **(See advertisement, page 28)**

**NOURSE EQUIPMENT CO.,** 1465 4th St. **(See adv., page 7)**

**PACIFIC CONTROL PRODUCTS,** 2806 Eighth St.

**SCOTT & ASSOCIATES, R. W.,** 2345 Fourth St.

### El Monte

**WOOD CO., ASH,** 1038 E. Garvey Blvd.

**GARDENA WESTERN ELECTRONIC ENTERPRISES,** P.O. Box 1116.

### Gardena

**WESTERN ELECTRONICS ENTERPRISES,** P.O. Box 1116.

### Glendale

**MICHAEL AGENCY, CLAUDE,** 703 West Ivy St.

**RENZ, ROY E.,** 207 S. Orange

**WOOLSEY, C. L.,** 1320 Opechee Way.

**YOUNG & CO., ROBT. A.,** 3901 San Fernando Road

**ROBERT A. YOUNG & CO.**

**MFGRS. REPRESENTATIVES**

**3901 San Fernando Road**

**Glendale 4, Calif. CH 5-3721**

Kerite Cable

Central Transformers

Howell Motors

Electric Products Motors and MG Sets

Three E—Switchgear

### Hollywood

**FERDA, RUDY,** 950 No. Highland Ave.

**KEESE ENGINEERING CO.,** 7354 Santa Monica Blvd.

**MILLER CO., GERALD B.,** 1540 N. Highland Ave.

**NEELEY ENTERPRISES, NORMAN B.,** 7422 Melrose Ave.

**ROBERTS & ASSOCIATES, E. V.,** 6516 Selma Ave.

**VAN GROOS, J. C.,** 1436 North Serrano

### Los Angeles

**AGENCIES COMPANY,** 836 Traction Ave. **(See adv., page 56)**

**AIREY CO., INC., F. J.** 1515 Mateo St.

**ALLIED INDUSTRIES,** 412 Seaton St. **(See Adv., page 35)**

**ANDERSON COMPANY, KENNETH,** 412 Seaton St.

**ANGUS-CAMPBELL, INC.,** 5320 Santa Fe Ave.

**ARLIN, A. W.,** 1812 W. Silver Lake Dr.

**ARTER CO., LEE,** 672 So. Lafayette Park Place.

**ASSOCIATED WHOLESALE ELEC. CO.,** 1111 Santee St.

**BAKER SMITH CO.,** 656 So. Los Angeles St.

**BARBERA & COMPANY, A. A.,** 311 No. Martel Ave.

**BARSTOW & DORAN,** 1406 So. Grand Ave.

**BASFORD, H. R.,** 2310 Leonis Blvd.

**BAUGHMAN CO., E. J.,** 350 So. Central.

**BECKER, HERB,** 1140 Crenshaw Blvd.

**BENDOLIGHT CORP.,** 339 E. 2nd St.

**BERKELEY ENGINEERING & EQUIPMENT CO.,** 2417 Riverside Drive.

**BLACK, JR., LOUIS D.,** 4806 Santa Monica Blvd.

**BLACK & LEM,** 4806 Santa Monica Blvd.

**BLECKSMITH, C. C.,** 164 So. Central Ave.

**BOOTH COMPANY, ARTHUR E.,** 265 S. Alexandria Ave.

**BOREHAM, R. S.,** 1206 So. Maple

**BRACKEN SALES AGENCY, WM. W.,** 923 E. 3rd St. **(See advertisement, page 56)**

**BRAN CO., FRANK H.,** 607 E. 6th St. **(See adv., page 15)**

**BROWN CO., J. J.** 129 West Second St.

**BUCKLEY, WM.,** 1161 E. Florence Ave.

**BURKLYN CO.,** 3429 Glendale Blvd.

**BURROUGHS SALES CO.,** 969 So. Serrano Ave.

**BUSHNELL CONTROLS & EQUIP. CO.,** 3929 W. Jefferson Blvd.

**CANFIELD CO., M. E.,** 420 E. 3rd St.

**CAYGILL CO.,** 409 E 2nd

**CHEMNITZ CO., ERIC F.,** 1148 So. Grand.

**CHURCHILL BURGESS CO.,** 3458 Glendale Blvd.

**CLARK & SAWYER, INC.,** 2012 E. 7th St.

**CLAPP COMPANY, R. B.,** 314 Omar Ave.

**CLOTHIER, INC., VAN D.,** 1025 E. 16th St.

**COCHRANE BROTHERS,** 1148 So. Grand.

**M. L. COHN,** 1323 Venice Blvd.

**COLESWORTHY, J. B.,** 1709 W. 8th.

**CONDON, EARL S.,** 1151 So. Broadway

**COOMBS SALES COMPANY, O. W.,** 1026 So. Olive St.

**CORRIN, JOHN G.,** 600 So. Highland Ave.

**CRESCENT SALES,** 440 Seaton St.

**CUNNINGHAM & SON, R. E.,** 523 W. 6th St.

**DARDEN, WM. E.,** 1406 S. Grand Ave.

**DE RAMUS, BARNEY,** 123 South Santa Fe.

**DREYER CO., B. W.,** 714 W. Olympic Blvd.

**EASTERBROOK, H. D.,** 1264 So. Boyle **(See Adv., page 58)**

**EASTMAN PACIFIC CO.,** 2320 E. 8th St.

**ECKERT-LLOYD CORP.,** 2115 So. San Pedro St.

**ELECTRIC SALES CO.,** 1612 Maple Ave.

**ELECTRICAL DISTRIBUTORS, INC.,** 1314 Glendale Blvd.

**ELEC'L SPECIALTY CO.,** 418 E. 3rd St. **See advertisement, page 6)**

**ELECTRONIC PROD. SALES CO.,** 4163 Beverly Blvd.

**ENGINEERING SALES COMPANY, H. M. Hall,** 411 South Wall St.

**ENGLISH & LAUER, INC.,** 1978 So. Los Angeles St.

**ESTES CLAY,** c/o Alexandria Hotel

**FELDMAN CO., HENRY,** 400 W. Pico Blvd.

**FEY & KRAUSE, INC.,** 1635 So. Figueroa St.

**FINCKE CO., JOHN M.,** 1340 E. Sixth St. **(See adv., page 70)**

**FISKE COMPANY, INC., L. G.,** 712 So Olive St.

**FLATAN, S.,** 409 E. 3rd St.

**FOWLER, W. M.,** 2208 Sunset Blvd.

**FRISBIE COMPANY, H. C.,** 1120 E. Pico.

**GARLAND-AFFOLTER ENG. CORP.,** 417 So. Hill

**GARNETT YOUNG & CO.,** 910 E. Third St.

**GENERAL ELEC. SUPPLY CO.,** 700 Turner St.

**GIBBS, R. STUART,** 1357 Wilshire Blvd.

**GOEBEL, W. J.,** 1406 S. Grand Ave.

**GOUGH INDUSTRIES, INC.,** 819 East First.

**GRAHAM REYNOLDS ELECTRIC CO.,** 1325 Rio Vista Ave.

**GRAINGER, W. W.,** 311 So. San Pedro

**GRATIOT, ROY,** 525 Crocker St.

**HALDEMAN, INC., HARRY F.,** 2401 So. Hill St.

**HARGROVE - GREEN CO.,** 2719 Broadway

**HARFORD CO., FRANK C.,** 1206 S. Maple.

**HENGER-SELTZER CO.,** 120 So. Hewitt.

**HILL SALES CO., J. T.,** 800 West 11th St.

**HITT CO., W. C.,** 1169 So. Broadway.

**"HOCK"ENSMITH SALES,** 1264 So. Boyle Ave.

**HOLMES, CARL E.,** 2804 Clearwater St.

**HOLZMUELLER, C. J.,** 2533 S. Hill

**HOPPE & COMPANY, W. A.,** 3305 E. Slauson Ave.

**HORN CO., WM. P.,** 2806 W. 7th St.

**HORN, INC., HERBERT H.,** 915 Mateo

**HOYT, GAYLORD,** 154½ So. Manhattan Place.

**HOWZE & COMPANY,** 5603 N. Figueroa.

**HUGHES, E. N.,** 1709 W. 8th St.

**HUGHEY & PHILLIPS,** 326 No. La Cienega

**HUNDLEY CO.,** 3532 Fletcher Dr.

**HUSEBY, M. F.,** 1331 So. Santa Fe.

**INDUSTRIAL ENGINEERING & EQUIP.,** 417 S. Hill

**JENSON INSTR. CO.,** 1919 Beverly Blvd.

**JOAX, H. F.,** 1233 So. Genesee Ave.

**JORDAN, E. J.,** 117 No. Robertson Blvd.

**JOSLYN PACIFIC COMPANY,** 5100 District Blvd.

**KADIN, SEYMOUR H.,** 950 So. Flower St.

**KAY MFGRS., AGENT, J. H.,** 4807 Beverly Blvd.

**KEEBLER & PARRISH INC.,** 1341 So. Hope St.

**KEELER, WHITE CO.,** 436 Colyton St.

**KIERULFF, & CO.,** 820 W. Olympic Blvd.

**KILIAN, J. O.,** 2311 Midvale Ave.

**KING & CO., IRVING G.,** 821 Mateo St.

**KING, W. C.,** 912 E. Third St.

**KIRBY, WALTER W.,** P. O. Box 124 Vernon Branch

**KIRK-PALKA COMPANY,** 415 Wall St. **(See adv., page 17)**

**KLINGER, M. H.,** 158 W. Pico Blvd.

**KNAPP CO., JAMES H.,** 839 E. 4th St.

**KNIGHT COMPANY, W. BERT,** 10373 West Pico Blvd.

**LaMOREE, C. D.,** 1325 San Julian. **(See advertisement, page 28)**

**LANE, DAVE T.,** 817 So. San Pedro.

**LASURE COMPANY, HARRY A.,** 9041 W. Pico Blvd.

**LELAND, PAUL E.,** 2050 W. Florence Ave.

**LEVIN, MAX,** 166 No. La Brea

Los Angeles—Continued

LIGHTREND CO., 9011 Beverly Blvd.
LINDEMANN, A. L., 137 No. Citrus Ave.
LINDSEY, HARRY N., 1261 West 56th St.
LINER, JOSEPH, 338 E. 2nd St. (See advertisement, page 42)
LIPPINCOTT CO., 1052 W. 6th.
LIPSSHIELD, E. COOPER, 158 W. Pico Blvd.
LITTLEJOHN CO., Fred G., 4511 Melrose Ave.
LITTRELL - RICHARDSON CO., 674 W. Washington.
LYNN & BROOKS, 3055 Wilshire Blvd.
MADDOX SALES CO., 912½ E. 3rd St.
MANUFACTURERS MARKETING SERVICE, 1490 Calzona
MARSHANK SALES CO., 672 So. Lafayette Park Pl.
MARSH COMPANY, J. W., 1517 W. Pico Blvd.
MARWOOD, LTD., 320 E. Third St.
MAYDWELL & HARTZELL, INC., 455 Colyton St. (See adv., Inside Back Cover)
McCUNE-MERIFIELD, 1331 Los Angeles St.
McGUIRE, WILLIAM A., 164 S. Central Ave. (See advertisement, page 62)
McLOUGHLIN CO., 811 E 14th Place
MARSHANK SALES, 672 So. LaFayette Park Pl.
MEUSDORFFER, REYNOLD, 1315 E. 7th.
MICHAEL AGENCY, CLAUDE, 703 W. Ivy
MICHEL BROS., 1015 E. 16th St.
MITCHELL CO., C. H. 769 Venice Blvd.
MODERN HOUSEHOLD SALES, INC., 336 No. San Pedro St.
MONSON ELEC. CO., 2533 So. Hill St.
MONTGOMERY BROS., 2113 South San Pedro St. (See advertisement, page 67)
MORGAN, MAC, 441 East 3rd St.
MURPHY-HAIN CO., 720 E. 2nd.
MYERS ELEC. PROD., INC., 2365 E. 57th St.
NEARY, LEONARD J., 729 So. Normandie
NEELY ENTERPRISES, 7422 Melrose Ave
NOEL & ASSOCIATES, RAY J., 3301 Trinity St.
OWENS CO., LEE H., 2331 W. Washington.
PACIFIC INDUSTRIES, 1117 S. Robertson Blvd.
PACIFIC SCIENTIFIC CO., 1430 Grande Vista Ave.
PANAMA LAMP & COM. CO., (See advertisement, page 11)
PAULES, E. G., 1762 W. Vernon Ave.
PERIN, IRA G., 2933 E. 11th St.
PERLMUTH - COLMAN & ASSOCIATES, 1335 So. Flower St.
PETERSON CO., F. SOMERS, 413 E. 12th St.
PODORSON CO., JERRE L., 758 So. Ardmore Ave.
POMEROY COMPANY, J. G., 1004 East Fourth St. (See advertisement, page 31)
POND & CO., BAXTER H., 302 12th St.
PORTER COMPANY, DON, 1117 So. Robertson.
PREFERRED EQUIPMENT, INC., 4232 E. Whiteside.
PROWELL CO., H. D., 2335 East 8th St.
QUALITY ELECTRIC CO., LTD., 1235 E. Olympic
REID CO., RALPH K., 1911 West 9th St.
RELIANCE ELEC. & ENG. CO., 714 W. Olympic Blvd.
RICHARDS CO., J. C., 433 Colyton
RICHTER, IRVING H., 627 South Normandy
RITTENHOUSE, CLAY C., 235 E. Century Blvd.
ROBERTS & ASSOCIATES, E. V., 5068 W. Washington Blvd.
ROESCH CO., D. J., 2200 So. Figueroa St.
ROYAL, INC., H. M., 4814 Loma Vista Ave.
RUPP CO., V. T., 1150 W. Olympic Blvd.
RUTKIN SALES, 937 Stanford Ave.
SANFORD CO., D. E., 1049 So. Hill
SAUL & ASSOCIATES, HOWARD M., 5720 Wilshire Blvd.
SCHALLER COMPANY, J. J., 837 Traction Ave.
SCHOW, ROBT. M., 1709 W. 8th St.
SCHUELER & WESTON, 923 E. 3rd.
SHEETER, HUGH X., 406 So. Main
SHULL & SON, J. E., 3601 Whittier Blvd.
SIEVERS, EDWARD S., 5171 Hollywood Blvd.
SMALLCOMB ELEC. CO., 1120 So. Main. (See advertisement, page 55)
SMITH, A. ALLEN, 1513 Mateo St.
SMITH, JOSEPH M., 2029 Sunset Blvd.
SMITH, LOMBARD, CO., 714 W. Olympic Blvd. (See Adv., p. 67)
STEIN, H. M., 444 So. Cloverdale Ave.
STRASSNER CO., CONRAD R., 1865 N. Western Ave.
STOLAROFF, M. A., 4614 Northridge Dr.
STONE, CARL A., 1102 S. Western Ave.
STRAWN ENGINEERING REPRESENTATIVES, GEORGE A., 3312 West Vernon Ave.
STUTZ-SIMMONS, INC., 712 So. Olive.
SUES, YOUNG & BROWN, INC., 3636 S. Bronson.
SULLIVAN CO., L. J., 5225 Wilshire Blvd.
SULLIVAN, RALPH W., 923 E. 3rd St.
SWEET, WALTER S., 2115 So. San Pedro St.
TAUFENBACH CO., LES, 4860 Valley Blvd.
THACKABERRY, M. N., 304-308 E. 3rd St.
THERKELSEN, L. E., 2583 Canyon Drive.
THOMAS AGENCY, INC., NELSON R., 2155 E. 7th St.
THOMAS CO., RAY, 1601 So. Hope St.
THOMPSON, L. W., 5600 N. Huntington Dr. (See advertisement, page 68)
TIVY, GEORGE, 1148 So. Grand
TRI-STATE SUPPLY CORP., 544 So. San Pedro.
TUBERGEN, JOHN B., 2232 W. 11th St.
TURNQUIST BROTHERS, 1807 E. Olympic Blvd.
VAN LUVEN CO., H. H., 120 S. Hewitt
W & L SALES CO., 1159 So. Broadway.
WALLACE, DON C. & WILLIAM, 1206 Maple Ave.
WARBURG CO., ED., 1207 E. 8th St.
WELBORNE, W. E., 2847 W. Pico.
WESTINGHOUSE ELEC. SUPPLY CO., 905 E. 2nd St.
WILCOX CO., E. A., 2202 S. Atlantic Blvd.
WILKINS, INC., GORDON E., 2135 E. 7th Place
WILT CO., O. B., 9006 S. Menlo Ave.
WOOD CO., FRED C., 712 So. Olive St.
YOUNG & CO., ROBERT A., 3901 San Fernando Rd. (See advertisement, page 71)
YUDELSON, FLOYD, 1151 So. Broadway
ZINSCO ELECTRICAL PROD., 729 Turner St.

## Menlo Park

AULT & ASSOCIATES, C. E., 625 Laurel Ave.
MANUFACTURERS MARKETING SERVICE, P. O. Box 277.

## North Hollywood

EALY & HASTINGS, 11056 Cumpston

## Oakland

BORKVIST, S., 6216 Laird Ave.
CALIFORNIA ELEC. COMPANY, 3015 Adeline
CUMMINGS, K. D., 6441 Pinehaven Rd.
CURRIER CO., 710 73rd Ave.
CURTISS, GEO. H., 222 29th St.
ELECTRIC AGENCIES, 6420 Salem St.
GRIBBLE, WILLIAM, 610 16th St.
JOHNSON ENGINEERING CO., 534 20th St.
MILLER, PERRY B., 3828 14th Ave.
A. B. SMEDLEY, 192 E. Glenarm
WINSOR, HOWARD B., 600 16th Street

## Paradise

ARTHUR L. DICKSON, 1259 Clark Road.

## Pasadena

ANDERSON, DENTON L., 1106 Fair Oaks, South Pasadena
COFFINBERRY, C. M., 2377 Galbreth Rd.
GLENMART CO., 990 S. Fair Oaks Ave.
PHILLIPS, JIMMY, 155 W. State
PUELICHLER, R. T., 3151 E. Colorado St.
SMEDLEY, A. B., Box 67-C

## San Diego

BELFORT, L. E., 4750 Kensington Dr.
CALIFORNIA-ARIZ SALES AGENCY, 301 W. G St.
CALIFORNIA ELECTRIC WORKS, 424 8th St.
ELECTRIC SUPPLIES DISTRIBUTING CO., 435 2nd Ave.
PACIFIC WHOLESALE ELEC., 702 State St.
SETCHELL, JAMES A., 301 W. G St.

## San Francisco

ALEXANDER, W. P., 420 Market St.
ALLEN CO., CLYDE, 1355 Market St.
ALLIED FACTORS, 1355 Market St.
ANGUS-CAMPBELL, INC., 917 Bryant St.
ANSON-FOWLER, 178 Townsend St.
ARTER CO., LEE, 1355 Market St.
ASHTON, WM., 116 New Montgomery St.
BAKEMAN & ASSOCIATES, C. T., 445 Bryant (See advertisement, page 52)
BAKER SMITH CO., 1355 Market St.
BALLARD COMPANY, 407 Sansome St.
BASFORD COMPANY, H. R., 235 15th St.
BAUM, R. E., Monadnock Bldg. Bldg.
BAXTER, L. M., COMPANY, 926 Natoma St.
BELILOVE CO., 420 Market St.
BENNETT CO., THE, 837 Howard St.
BENZ CO., FRED D., 444 Brannan St. (See advertisement, page 66)
BERGER JR., FRED W., 57 Post St.
BERING, KEITH, 1350 28th Ave.
BERMAN CO., E. L., 758 Natoma St.
BEYER, N. S., 574 Eddy.
BRADLEY CO., E. B., 462 Bryant St.
BRAINARD, W. V., 721 Clementina.
BROADHEAD STEEL PRODUCTS CO., 17th Ave. and Wisconsin Sts.
BROKAW, GEORGE K., 582 Market St
BROOKES CO., E. JORDAN, 7 Front St.
BROOKS EQUIPMENT CO., 636 Potrero
BROWN COMPANY, 58 Sutter St.
BROWN, J. T., 420 Market St.
BRUNDAGE, J. H., 288 7th St.
BUSHNELL CONTROLS & EQUIP. CO., 509 Polk St.
BUTCHER, HENRY M., 15th and Vermont Sts.
CADY, J. F., 995 Market St.
CALIF. ELECTRIC SERVICE, INC., 168 1st St.
CALIF. ELEC. SUPPLY, 1585 Folsom St.
CALIFORNIA ULTRAVIOLET COMPANY, 420 Market St. (See advertisement, page 62)
CAMPBELL, FRED S., 1268 Mission St.
CAMPBELL - GEORGE CO., 379 Brannan St. (See advertisement, page 70)
CEAZAN COMPANY, J. N., 1301 Harrison St.
CHAPMAN COMPANY, J. M., 290 9th St.
CHEMNITZ CO., ERIC F., 1355 Market St.
CHURCH COMPANY, L. F., 750 Natoma.
CLOTHIER CO., VAN D., 666 Mission
COATES CO., A. H., 420 Market St.
COCHRANE BROTHERS, 1355 Market
COOK COMPANY, E. B., 1063 Howard St. (See advertisement, page 60)
COOMBS, O. W., 21 South Park
CORWIN CO., 1355 Market St.
COX COMPANY, OMER, 116 New Montgomery (See Wm. Ashton)
CROCKER, P. R., 625 3rd St.
CROWLEY CO., PAUL E., 1157 Post St.
CURTISS CO., H. R., 1355 Market St.
DALCO APPLIANCE CO., 685-7th St.
DARDEN, WM. E., 290 First St.
DELIUS & THOMAS, Hobart Bldg.
DENHAM SALES SERVICE, 538 Polk St.
DETSCH & CO., 341 10th St.
DIETRICH, DICK, 1355 Market St.
ECKERT—Lloyd Corp., 144 Townsend St.
EDWARDS COMPANY, FRANK, 382 6th St.
EICHORN & MELCHIOR, 501 Indiana. (See adv., page 37)
ELECTRICAL INDUSTRIES, 560 Ninth St.
ELECTRIC MATERIAL CO., INC., 693 Mission

**ELECTRICAL SPECIALTY CO.**, 316 Eleventh St. (See advertisement, page 6)
**ELLIOTT, DONALD T.**, 420 Market St.
**ERLACH LEE COMPANY**, 1355 Market St.
**ERICKSON, J. D.**, 119 New Montgomery St.
**ESTES COMPANY, CLAY**, 1355 Market St.
**EVERLEY CO., PAUL S.**, 1063 Howard St.
**FARWELL FLETCHER**, 221 11th St.
**FINCKE CO., JOHN M.**, 330 10th St. (See adv., page 70)
**FISHER CO., R. H.**, 30 Harriet St.
**FISKE CO., INC., L. G.**, 778 Natoma St.
**FLETCHER, J. C.**, 1415 Folsom St
**FOLLETTE, CLAUDE**, 383 Brannan St.
**FULCHER COMPANY, THE**, 58 Sutter St.
**GARLAND-AFFOLTER ENG. CORP.**, 58 Sutter St.
**GARNETT YOUNG AND CO.**, 390 Fourth St.
**GENERAL ELEC. SUPPLY CO.**, 1201 Bryant St.
**GENERAL SALES CORP.**, 500 Minnesota St.
**GOLBUS SALES COMPANY**, 1355 Market St.
**GRAINGER, W. W.** 156 8th St.
**GRATIOT & SONS, C. J.**, 1282 Folsom St., (See adv., page 73)
**GRAY, GEO A.**, 2720 17th St. (See advertisement, page 23)
**GRAYBAR ELECTRIC CO., INC.**, 190 9th St.
**GROESCHEL, ALBERT**, 1355 Market St.
**GUTHRIE, F. G.**, 420 Market St.
**HAMILTON COMPANY, C. G.**, 1355 Market St.
**HAMMOND, M. E.**, Tilden Sales Bldg.
**HAUCK CO., ERNEST F.**, 1282 Folsom St.
**HELD, HERMAN E.**, 120 Main St.
**HENGER-SELTZER CO.**, 721 Bryant St.
**HERMANS, JAMES P.**, 1234 Folsom St.
**HILLIS COMPANY, C. C.**, 1982 47th Ave.
**HITT CO., W. C.**, 1355 Market St.
**HOBELMANN & CO., H. H.**, 390 Bayshore Blvd.
**HODGES & GLOMB**, 1264 Folsom St.
**HOLZMUELLER, C. J.**, 1108-10 Howard St.
**HONN COMPANY, GEORGE E.**, 420 Market St. (See advertisement, page 10)
**HORN CO., WM. P.**, 1355 Market St.
**HOWARD & ASSOCIATES, G. M.**, 782 Bryant
**HOWE-MAGSON, INC.**, 420 Market St.
**HUGHSON & MERTON**, 1270 Bush St.
**INGALLS & SONS, C. E.**, 681 Market St. (See advertisement, page 23)
**JAMES CO., ALLAN P.**, 419 10th St.
**JENISON MACHINERY CO.**, 20th and Illinois
**JONES, H. S.**, 627 Rialto Building.
**JOSLYN PACIFIC COMPANY**, 180 Potrero.
**KANE CO.**, 1355 Market St.
**KAUFMAN, LEO**, 729 Harrison
**KEELER-WHITE**, 615 7th St.
**KING-KNIGHT CO.**, 774 Folsom St.
**KIRK-PALKA CO.**, 420 Market St. (See advertisement, page 17)
**KJAER EQUIPMENT CO.**, 1261 Howard St.
**KLINGER CO., M. H.**, 440 Golden Gate Ave.
**KOCH ASSOCIATES, GEO. S.**, 420 Market St.
**KOLB, FRED**, 598 Monadnock Bldg.
**KROTOZYNER, JAMES M.**, 544 Market St.
**LAGERSTROM, REUBEN E.**, 420 Market St.
**LAMBERTH, R. L.**, 320 Judah St.
**LAVENSON AND SAVASTA**, 586 Sixth St.
**LICHTENSTEIN, CYRIL**, 1355 Market St.
**LILLY, ALFRED**, 907 Post St.
**LIPPINCOTT CO.**, 461 Market St.
**LOGAN SALES CO.**, 530 Gough.
**LUNDY, RALPH B.**, 1063 Howard St. (See adv., page 70)
**LYMAN, OLIVER B.**, 55 New Montgomery St.
**LYNN & BROOKS**, 2048 Market St.
**MADDOX, JOHN**, 420 Market St.
**MAGNES COMPANY**, 275 Brannan St.
**MANUFACTURERS MARKETING SERVICE**, 2342 Franklin St.
**MARINE ELEC. CO.**, 195 Fremont St.
**MARSH CO., J. W.** 1355 Market St.
**MARSHALL, HARRY E.**, 104 Olive St.
**MARWOOD, LTD.**, 357 Ninth St.
**MARYON & WILLIAMS**, 1355 Market St.
**MAYDWELL & HARTZELL, INC.**, 158 11th St. (See adv., inside back cover)
**McCORMACK & CO.**, 450 Ninth St.
**McCUNE-MERIFIELD CO.**, 51 Fremont.
**McMILLEN-STANLEY SALES CORP.**, 778 Natoma St. (See advertisement, page 48)
**MEIER CO., CHARLES A.**, 1473 Harrison St.
**MEYBERG CO., LEO J.**, 33 Gough St.
**MEYERS SAFETY SWITCH**, 423 Tehama St. (See advertisement, page 34)
**MILLER CO., GERALD B.**, 1355 Market St.
**MONSON ELECTRIC CO.**, 1110 Howard St.
**MONTGOMERY BROTHERS**, 1122 Howard St. (See advertisement, page 67)
**MOULTHROP & HUNTER**, 228 9th St.
**MUNDSTOCK, JAMES** 320 Market St. (See advertisement, page 60)
**MURPHY CO., A. B.**, 228 Ninth St.
**NEELY ENTERPRISES**, 2830 Geary Blvd.
**NEWMAN, HAROLD**, 420 Market St.
**NICHOLAS COMPANY, F. M.**, 714 Harrison. (See advertisement, page 59)
**NICKERSON & RUDAT**, 383 Brannan St.
**NOTT, L. A.**, 1061 Howard. (See advertisement, page 48)
**O'BRIEN INDUSTRIAL EQUIP. CO.**, 1295 Folsom St.
**O'NEILL, L. M.**, 1355 Market
**OTTSMAN & SONS COMPANY, ED**, 536 Sansome St.
**PACIFIC ELECTRO SALES**, 144 Townsend St.
**PACIFIC SCIENTIFIC CO.**, 25 Stillman St.
**PALMTAG CO., E. R.**, 1355 Market St.
**PANAMA LAMP & COM'L CO.**, 325 9th St. (See advertisement, page 11)
**PARDEE, S. C.**, Sharon Building.
**PARKER, R. A.**, 250 7th St.
**PEERLITE MFG. & SUPPLY CO.**, 178 Fifth St.
**PERIN CO., IRA G.**, 575 Howard St.
**PERLMUTH-COLMAN & ASSOCIATES**, 420 Market St.
**PETERSON COMPANY, F. SOMERS**, 524 Folsom St.
**PIONEER APPLIANCE CO.**, 1355 Market St.
**PIPER, LEMAR**, 420 Market St.
**POLITEO, DOM**, 547 Howard St.
**POND & CO., BAXTER H.**, P.O. Box 3360
**POWER, KENT H.**, 26 Josepha Ave.
**PRIETSCH, PAUL R.**, 1355 Market St.
**PRINCE & COMPANY, M. P.**, 111 New Montgomery St.
**PRUSSIA CO., ROBERT R.**, 224-226 Harriet St.
**PURDY, W. J.**, 79 Ninth St.
**RALPHS-PUGH COMPANY, INC.**, 530 Howard St.
**RADKE, Dan H.**, 754 Natoma St.
**RICE CO., PAUL H.**, 1355 Market St.
**ROBERTS & ASSOCIATES**, 988 Market St.
**ROSS CO., DAVID H.**, 1355 Market St.
**ROUTH COMPANY, THE T. R.**, 742 Market St., Room 223 (See advertisement, page 54)
**ROWE, ARTHUR E.**, 660 Mission St. (See advertisement, page 57)
**RUSSELL & COMPANY**, 1355 Market St.
**RYALS, K. M., CO.**, 461 Market St. (See advertisement, page 43)
**SAFETY SWITCHBOARD CO.**, 1445 Stevenson St. (See advertisement, page 67)
**SAMSON SALES CO.**, 420 Market St.
**SANFORD CO., D. E.**, 12th and Howard Sts.
**SCHLAPP, FRED W.**, 204 Davis St.
**SCHLOSS MFG. CO., LTD.**, 540 Mission
**SCHUMAN, G. R.**, 1355 Market St.
**SMITH CO., CLAUDE B.**, 200 Davis St.
**SMEDLEY, A. B.**, 2701 21st St.
**SNYDERMAN, HARRY**, 1355 Market St.
**SOLOMAN, HARRY**, 1355 Market
**SOMERVILLE, G.N.** 780 Natoma St.
**SPECTOR CO., THE.**, 1355 Market St.
**SQUIRES COMPANY, H. B.**, 156 8th St.
**SQUIRES & MARSHALL**, 370 4th St.
**STONE, FRED J.**, 1355 Market St.
**SUES, YOUNG & BROWN, INC.**, 1355 Market St.
**SULLIVAN, RALPH W.**, 420 Market St.
**TAUFENBACH CO., LES.**, 1355 Market St.
**THOMAS AGENCY, NELSON R.**, 1355 Market St.
**TRI-STATE SUPPLY CORP.**, 554 Bryant St.
**VAN GROOS, J. C.**, 210 Post St.
**VAN LUVEN, H. H.**, 721 Bryant St.
**VAN STETTEN ASSOCIATES**, 1355 Market St.
**VERMILIZA, ROBERT H.**, 1355 Market St.
**VOORHEES & COMPANY, W. R.**, 417 Market St.


**C. J. Gratiot & Sons**
C. B. Gratiot R. F. Gratiot
MANUFACTURER'S REPRESENTATIVE
Handling Electrical Lines Exclusively Through Electrical and Hardware Jobbers
Established 1912
WAREHOUSE STOCKS
San Francisco 1282 Folsom Street HE 1-1828
Los Angeles 525 S. Crocker MAdison 6-7736

**Linemen's Catalog**
Write for This FREE Catalog #10 Showing All Items Used By Linemen, Electricians, Iron Workers, Construction Co's, etc.

**WESTERN HDWE. & TOOL CO.**
122 10th St., San Francisco, Calif.


**WALLACE, THOMAS**, 320 10th St.
**WALLACE CO., WALTER E.**, 445 Bryant St. (See adv., page 58)
**WALLACE & TIERNAN SALES CORP.**, 12 Minna St.
**WALTHAM, DeWITT & KRUSI**, 630 Monadnock Bldg. (See advertisement, page 57)
**WEIDENTHAL-GOSLINER ELEC. WORKS**, 353 10th St.
**WESTERN FIBERGLAS SUPPLY CO.**, 739 Bryant St.
**WESTERN HARDWARE & TOOL CO.**, 122 10th St. (See advertisement, pages 57, 62, 63, 66, 73)
**WESTINGHOUSE ELEC. SUPPLY**, 201 Potrero.
**WESTON & COMPANY, WM.**, 1188 Moraga St.
**WHITE & ASSOCIATES, GLENN B.**, 1355 Market.
**WILCOX COMPANY, E. A.**, 277 7th St.
**WILLIAMS, PAUL**, 341 Hazelwood
**WILT CO., O. B.**, 1355 Market. (See advertisement, page 7)
**WOOD COMPANY, FRED C.**, 1355 Market St.
**WOODIN & LITTLE**, 33-41 Fremont.

## San Gabriel

**RANDOLPH CO., H. J.**, 736 Santa Anita. See adv., page 42)

## San Mateo

**GOTT, D. J.**, 3412 Edison St.

## Sherman Oaks

**LEDBETTER, GEORGE W.**, 15117 Ventura Blvd.
**WESTERN CONTROL EQUIP. CO.**, 4622 Van Nuys Blvd.

SETH W.
**SMITH**
P.O. Box 229, Van Nuys, Calif.
PHONE: STate 5-3695
■
**RIGID PIPE TOOLS**
Pipe Wrenches, Cutter,
Vises, Reamers, Threaders,
both hand and power.

### Van Nuys

SMITH, SETH W., 6858 Kester Ave. P.O. Box 229. (See advertisement, page 74)

### Whittier

FULLER CO., WM. H., 1038 Palm Ave.

**Wm. Benndorf Company**
MANUFACTURERS AGENT
**Electrical Supplies & Equipment**
Offices & Warehse: 401 W. Jackson
Mailing Address: P.O. Box 1926
PHOENIX—Arizona
Serving Arizona and New Mexico incl. El Paso, Texas since 1944

## ARIZONA

### Phoenix

ARIZONA WHOLESALE ELEC. CO., Phoenix
BENNDORF CO., WM., 401 W. Jackson St. (See adv., p. 74)
E. B. BOMAR, 622 No. 1st St.
BOYD ENGINEERING CO., 1600 W. Jefferson
COULSON, J. C., 449 West Jackson.
ELECTRIC PRODUCTS INC., W. H., 957 E. Van Buren
ELECTRICAL EQUIP CO. OF ARIZ., First Ave. at Madison
GRENDAHL & SON, O. J., 726½ E. Portland St.
INDUSTRIAL ELECTRIC PRODUCTS, INC., 212 S. 7th Ave.
MAYDWELL & HARTZELL INC., 210 W. Adams St.
REDMOND SUPPLY COMPANY, J. E., 625 W. Madison St.
SHEFLER COMPANY, H. GEORGE, 240 So. 1st Ave.
SIEGMUND, FRANK M., P. O. Box 162
SOUTHWESTERN COMPANY, Security Bldg.
STANDARD EQUIPMENT COMPANY, 135 No. First St.
WARE & ASSOCIATES, JOHN ALLEN, 2115 So. 15th Ave.

### Tucson

CENTRAL STATION ENG. CO., 2323 Aviation Highway

## COLORADO

### Colorado Springs

PEYSER & CO., 1501 No. Weber

### Denver

ALLEN & SON, MILTON W., 1863 Wazee St.
AMBLER, J. B., Denver National Bldg.
ANDERSON, E. C., 1883 Wazee
B. & W. SALES CO., 100 W. 13 Ave.
BACON'S, 3327 Brighton Blvd.
BELT & CO., C. D., 1921 Blake St.
BLINN CO., THE JAMES H., 1140 Speer Blvd.
BOWEN, RONALD G., 446 Broadway
BOYER, FLOYD H., 1757 Stout St.
BRODY, LEWIS C., 483 S. Race
BRANNAN, PAT, 8769 W. Colfax
CARPENTER CO., ALLEN B., 820 Twelfth St.
CLARK CO., BEN T., 1421 Court Place
CLINE & CO., 812 12th St.
CONDON, HOWARD F., 3001 Elm St.
CONNORS CO., W. H., 1590 Eudora
DAVIN, H. L., 4535 Batavia Pl.
DILLON, C. M., 2304 Grape St.
DOUDON & CO., PAUL A., 1645 Wazee
DUNN, EDWIN C., 150 Park Place
ELECTRIC MOTOR SUPPLY CO., 1646 Blake St.
ELECTRICAL SPECIALTY CO., 1015 21st St. (See advertisement, page 6)
ELLIOTT, CLYDE P., 3020 So. Cherry St.
ELSNER, F. R., 842 So. York St.
GAER - FLORANCE & ASSOCIATES, 2052 Humboldt
GALL & CO., FRED, 2050 Humboldt St.
GENERAL ELECTRIC SUPPLY CO., 1429 18th St.
HAMBURGER CO., GEORGE, 1253 Pearl
HAMILTON & ASSOCIATES, R. F., 1236 Elati
HENDRIE & BOLTHOFF CO., 1635 17th St.
HOLLOWAY CO., THE E. C., 333 Jersey St.
HYDE, RICHARD A., 3250 S. Dexter St.
JOY & COX, INC., 1940 Blake
KAMPHAUSEN COMPANY, DAN, Continental Oil Building.
KAUB & COMPANY, HUBERT, 1025 Santa Fe Drive.
KOPKE SALES CO., W. L., 302 Boston Bldg.
KRIPPNER & POLLEY, No. 1 Downing.
LANDES, ZACHARY & PETERSON, 272 So. Santa Fe Dr.
LANG, C. R., 4795 Raleigh.
LARSON DISTRIBUTING CO., 550 Lincoln.
LEONARD, CO., F. J., 1229 California St.
LITTELL SALES CO., PORTER, 150 W. 12th Ave.
McLOUD, W. CLIF., 5528 E. Colfax Ave.
MANUFACTURERS MARKETING SERVICE, 6209 West 26th Ave.
MEDILL SALES CO., 802 12th St.
MINE & SMELTER SUPPLY CO., 1422 17th St.
MOREY MERCANTILE CO., 1628 16th St.
MOUNTAIN STATES MACHY. CO., 1526 Blake St.
MUELLER, MARK G., 1644 Blake.
NELFRAN CO., 2013 So. Broadway
NELSON COMPANY, A. J., Box 5502
NOWELS, RICHARD W., 1645 E. 16th Ave.
O'BRIEN SALES, A. J., P.O. Box 1681
OLMSTEAD CO., HARVEY M., 1534 Wazee.
PARKER CO., 4655 Colorado Blvd.
PERLMUTH - COLMAN ASSOCIATES, 848 Equitable Bldg.
PETERSON CO., 4949 Colorado Blvd.
PORTER LITTELL SALES, 150 W. 12th Ave.
REGIONAL SALES CO., 4321 Drover
REITZ SALES, 1324 Bellaire St. N.W. 6th Ave.
RICHARDS-CONANT, 2415 15th St.
SALES ENGINEERS, INC., 1440 11th St.
SCHLOSS & SHUBART, 1626 Wazee.
SCHMIDT SALES CO., 1206 15th St.
SCHUMANN COMPANY, KENNETH B., 1073 Galapago St.
SLAYBAUGH-THOMPSON CO., 100 W. 13th Ave.
SLUMAN & COMPANY, D. H., 130 W. 12th Ave.
SOLEN CO., ALBERT M., 1225 E. 17th Ave.
SPENCER & CO., PAUL R., 4000 York St.
STAIBLE & SONS, FRED E., 2046 Arapahoe.
STEINKAMP & CO., D. A. 2400 Gaylord
STONE-HALL COMPANY, 3101 Walnut St.
SWEENEY CO., B. K., 1601 23rd St.
TARBOX CO., GEO. E., 439 Williams St.
TITUS, C. D., 1734 Lawrence St.
URQUHART, M. B., 307 Mercantile.
VONIER, E. T., 1160 Elati St.
WARNER CO., J. M., 200 West 48th
WILLIAMS CO., ALLEN I., 1009 17th St.
YOUNG, C. A. D., 726 Colorado Bldg.
YOUNG CO., W. E., 2134 Curtiss St.

**THE JOHN CARDER JR. COMPANY**
1624 N. 1st Street
Albuquerque, New Mexico
●
Electrical
Manufacturers'
Representative

## NEW MEXICO

### Albuquerque

A & A SUPPLY CO., P. O. Box 1516
BERCAW COMPANY, O. M., 345 N. Vermont St.
CARDER JR. CO., THE JOHN, 1624 N. 1st St. (See advertisement, page 74)
ELECTRIC SUPPLY CO., 609 No. Broadway.
HOFFMANN ENGINEERING CO., 313 So. Second St.
McGILLAN SALES CO., 513 So. Amherst.
NEELY ENTERPRISES, 107 South Washington
RICHARD LANCASTER, Albuquerque Hotel.
THE SALES COMPANY, 1624 No. 1st. P.O. Box 808.

## OREGON

### Portland

AMERICAN INDUSTRIAL SALES CO., 2104 N.E. 13th Ave.
BACH ELECTRIC, PETE, 1233 N. W. 12th Ave.
BALLANTYNE CO., W. G., 1215 N.W. Everett
BAXTER COMPANY, L. M., 1220 S. W. Stark
BELUSKO, JAS. V., 2712 N.W. Raleigh.
BENNETT CO., F. E., 426 N.W. 6th Ave.
BLONDER AGENCIES, JOE, 2617 N. E. 14th Ave.
BRUCE-EMMET CO., 830 S. E. Alder
BURCHAM COMPANY, DON H., 917 S. W. Oak.
CAMNITZ, R. M., 4630 S.W. Viewpoint Terrace
CARLSON, FRED, 607 Portland Trust Bldg.
CAVANAUGH AGENCIES, J. M., 1132 N.W. Glisan.
CHEMNITZ COMPANY, FRED G., 1310 S. W. Alder St.
COAST ELEC. & MFG. CO., 1720 N.E. 6th Ave.
CONNELLY COMPANY, F. B., of Oregon, 905 N.W. 12th Ave.
COTTRELL CO., WM. J., 11341 S.W. Pacific Highway
CRESS CO., W. H., 306 Concord Bldg.
EDSTROM, J .E., 319 S.W. Washington St.
ELECTRON CO., 4550 N.E. Alberta.
ELECTRIC AGENCIES, 1220 S.W. Morrison St.
ELECTRIC SPECIALTY CO., 6625 S.W. Canyon Lane
ENGLISH & ASSOCIATES, R. C., 3814 N.E. Wasco St.
EULER CO., HARRY M., 225 S.W. 1st Ave.
FARRINGTON SERVICE, 305 S.W. 5th Ave.
FALKENHAGEN CO., LOU, 907 N. W. Irving.
GARDNER, AL., 1423 N.E. 28th
GARLAND-AFFOLTER ENG. CORP., 1233 N. W. 12th Ave.
GARNETT YOUNG & CO., 1238 N.W. Glisan
GENERAL ELEC. SUPPLY CO., 300 N.W. 14th.
HENKEL SALES, F. C., 317 Builders Exchange Bldg.
HOFFMAN, GEORGE L., 3007 S. W. Nebraska.
HORN CO., WM. P., 821 N. W. Flanders.
JOSLYN PACIFIC CO., 1523 N. W. Kearney St.
KEARNS, JAMES L., 7930 S.E. Stark St.
KEELER, WHITE CO., 322 N.W. 4th Ave.
KLAUS, CHAS. E., 1004 S.E. Belmont
LEVIN, M., 2438 S.W. 4th Ave.
LYNN & BROOKS, 9931 N.E. Mason
MARWOOD LTD., 209 S. W. First Ave.
MAY CO., INC., W. L., 215 N. W. Park Ave.
MAYDWELL & HARTZELL, INC., 1238 N. W. Glisan St. (See adv., inside back cover)
McNAIR CO., HUGH, 1205 N.W. Marshall St.
MILLER, H. C., 4546 N.E. Alberta.
MOELLER, HARRY J., 612 N.W. 20th Ave.

MONTGOMERY BROS., 1815 N.W. Northrup St.
(See advertisement, page 67)
MUNRO COMPANY, D. R., 112 S. W. Pine.
MUSGRAVE, M. N.
NEWTON, L. F., 3825 S.E. 17th Ave.
NIELSON, HOWARD B., 429 S. W. 4th Ave.
NORTHWEST SALES CO., 1603 N. W. Johnson.
PACIFIC ELECTRIC SALES CO., 140 S.E. 28th Ave.
PLATT, M., 3203 N.E. 12th Ave.
PROBY & ASSOCIATES, WM., 4171 S.E. Stark St.
RIEKE, R. C., P. O. Box 4242
SCHAFFER & NELSON, INC., 1204 N. W. Glisan
SMITH, RAY, 501 Park Bldg.
STANINGER, WILLIAM, 2104 N.E. 13th
STAR MACHINERY CO., 801 S.W. Front Ave.
STEWART CO., JAMES P., 821 N.W. Flanders
STUBBS ELEC. CO, 33 N.W. Park Ave.
TURNER & CO., WM. S., 432 Pacific Bldg.,
WESTINGHOUSE ELEC. SUPPLY CO., 134 N. W. 8th Ave.
WHITE, E. RUSSELL, 3149 N.E. Sandy Blvd.
WIANT PRODUCTS CO., 1231 N.W. Hoyt St.
ZAUGG, FRED S., 907 N.W. Irving.

## UTAH

### Salt Lake City

ASHTON HEATING & AIR CONDITIONING CO., 179 Motor Ave.
ALDER SALES CORP., 1343 South Main St.
BINTZ CO. W. H., 433 W. 3rd So. St.
BRUCE-EMMETT CO., 1630 Sherman Ave.
CHRISTENSEN, J. R., 247 E. 5th South
CONELY ENG. CO., 165 So. 1st West St.
DARGER CO., THE, 251 Rio Grande St.
EARL INC., GLENN, 245 South 1st West
ELGGREN & SONS CO., A. J., 428 So. West Temple.
EVANS, C. L., 181 First Ave.
FLINT DISTRIBUTING CO., 316 West 2nd So.
GATES CO., 200 So. Main St.
GENERAL ELECTRIC SUPPLY CO., 312 West 2nd South St.
GNADT, W. E., 507 McIntyre Bldg.
HARRISON CO., WM. Z., 436 Atlas Bldg.
JWRCO., INC., 1209 S. Main
MANUFACTURERS MARKETING SERVICE, 328 West 2nd So.
MODERN ELEC. SUPPLY CO., 37 Richards St.
MOUNTAIN STATES DIST., INC., 622 So. State.
NICKERSON MACHINERY CO., 271 S. W. Temple St.
PACE TURPIN & CO., 726 So. 3rd West St.
RITER ENGINEERING CO., 136 S. Main
SILVER COMPANY, CLARENCE W., 650 West 7th South St.
SLUSSER, LEONARD M., 318 Dooly Bldg.
SPENCER & CO., 1421 So. Main.
STEVENS SALES CO., 41 Post Office Place.
UTILITY ENGINEERS, INC., 630 Dooly Bldg.
UNITED ELEC. SUPPLY, 117 W. 4th South St.
WESTERN SALES SERVICE, 435 Atlas Bldg.
WESTINGHOUSE ELEC. SUPPLY CO., 210 Rio Grande St.
WILLIAMS, GRITTON & WILDE, 204 Dooly Building.

## WASHINGTON

### Seattle

AKERS, A. W., 2726 First Ave. So.
ALDERMAN, O. A., 4545 51st Ave. N. E.
ARNO AGENCIES, INC., 4016 14th Ave. South
BACKER COMPANY, JAMES J., 2321 2nd Ave.
BAKER SMITH CO., 209 Terminal Sales Bldg.
BAXTER CO., L. M., 908 Lowman Bldg.
BEACON SALES CO., Merchandise Mart.
BEST, KEN H., 541 1st Ave. South
(See advertisement, page —)
BRINKLEY, R. C., 1048 6th Ave. Co.
BRUCE-EMMET CO., 1016 1st Ave.
BURCHAM CO., DON H., 1327 Norcross Way.
C. & H. SUPPLY CO., 2723 First Ave. So.
CARLSON, FRED W., 2307 5th Ave.
CARROLL, EDGAR, 2727 First Ave.
CONLEY, P. R., 8415 Roosevelt Way.
CONNELLY COMPANY, F. B., 905 N.W. 12th
COTTONGYM, ZACK, 2408 2nd Ave.
CROWE & CO., INC., F. T., 216 Walker Bldg.
ECKSTROM & ASSOC., EARL E., 2601 2nd Ave.
EICHER & COMPANY, 263 Colman Bldg.
ELECTRIC AGENCIES, 618 Second Ave.
ELECTRICAL SPECIALTY CO., 2406 First Ave. So.
(See advertisement, page 6)
EVANS, C. L., Terminal Sales Bldg.
FISKE CO., INC., L. G., 205 Terminal Sales Bldg.
GARLAND-AFFOLTER ENG. CORP., 2603 Western Ave.
GARNETT YOUNG & CO., 503 Polson Bldg.
GENERAL ELEC. SUPPLY CO., 1212 1st Ave. South
GLEASONS, THE, 901 E. 45th St.
GILLETTE & McLAREN, Arctic Bldg.
GORDON, W. G., 2216 1st Ave.
GREENE WINKLER CO., 5th Ave. at Battery.
GUENTHER, FLOYD, 2216 First Ave.
HANAUER, WM. E., 1736 1st Ave. South.
HATHAWAY THRULOW CO., 1500 Westlake North.
HEINZ COMPANY, B. T., Dexter Horton Bldg.
HENDREY CO., W. R., Smith Tower.
HEWITT CO., INC., A. D., 2718 Elliott Ave.
HOFFMAN, H. H., 319 2nd So.
HOGENSON, OSCAR, 95 Connecticut.
HUDSON COMPANY, HAROLD 100 New World Life Bldg.
INDUSTRIAL PRODUCTS CO., 2911 1st Ave. So.
INSTRUMENT LABORATORY, INC., 934 Elliott Ave. W.
INSTRUMENT SALES CO., INC., 2137 2nd Ave.
JENSEN COMPANY, VERNER O., 2616 Second Ave.
JOSLYN PACIFIC CO., 2424 First Ave. So.
KEELER, WHITE CO., 1041 6th Ave. So.
KING COMPANY, C. A., 2323 2nd Ave.
KITCHEN, INC., J. WEBB, 2115 2nd Ave.
LAMAR, L. B., 1246 1st Ave. South.
LA MOREE, C. D., 166 Jackson St.
(See advertisement, page 28)
LEE COMPANY, DAVE M., 2517 Second Ave.
LE RICHE, R. E., 422 Smith Tower
LIPPINCOTT CO., 505 Maritime Bldg.
LUNDIN & CO., D. H., 1127 East Northlake
MARSH AGENCIES, 2601 1st Ave.
MARWOOD, LTD., 1714 First Ave. South.
MAXWELL & ASSOCIATES, Northern Life Tower
MAYDWELL & HARTZELL, INC., 306 Dexter Ave.
(See adv., inside back cover)
McCUNE-MERIFIELD, 909 Western Ave.
McDOUGALL CO., J. C., 520 First Ave. South.
MERRITT, RON, 217 9th Ave.
MONTGOMERY BROS., 911 Western Ave.
(See advertisement, page 67)
MUSGRAVE & CO., MERRILL N., 2019 3rd Ave.
MUTH-RICHARDS CO., 700 5th Ave. South
NORRIS COMPANY, GEORGE D., 3010 First Ave.
NORTH PACIFIC ELECTRIC AGENCIES, 615 Lloyd Bldg.
NORTHWEST APPLIANCE DIST. 3433 Aairport Way.
NORTHWEST SALES & ENGINEERING SERVICES, 915 Terminal Sales Bldg.
NORTHWESTERN AGENCIES, INC., 4130 First Ave. South.
PACIFIC COAST HEATING & APPL. CO., Foot of Main St.
PACIFIC ELECTRO SALES, INC., 3401 4th Ave. So.
PACIFIC SCIENTIFIC CO., 1915 1st Ave. So.
PANAMA LAMP & COM'L CO., 568 1st Ave. South
(See advertisement, page 11)
PARSONS & CO., C. B., 3028 First Ave.
PERLMUTH - COLMAN ASSOCIATES, 441 Dexter Horton Bldg.
PENNING, J. R., 2323 2nd Ave.
PERRY, O. E., 7401 Fremont Ave.
PLATT, JOHN C., 1411 4th Ave., Bldg.
PRICE COMPANY, W. MONTELIUS, 524 1st Ave. South.
PROBY BROTHERS, 522 First Ave. South
RADIO TELEVISION & APPL., INC., 510 Westlake North.
RAYMER COMPANY, L. L., 911 Western.
ROBERTSON, BOYD, 1931 2nd Ave.
ROBINSON DISTRIBUTING CORP., 3129 Western Ave.
SANDERLIN COMPANY, 131 1st Ave. West.
SANFORD CO., D. E., 2521 2nd Ave.
SCHARR, FREEMAN C., 444 Dexter Horton Bldg.
SEGURSON, ROY P., Washington Athletic Club
SLATER & ASSOCIATES, A. C., 1412 E. 56th St.
SMITH CORPORATION, A. O., White Henry Stuart Bldg.
SPARKS, JAMES D., 7331 W. Green Lake Way.
STAR MACHINERY CO., 1741-1st St. So.
STONE CO., W. T., 1717 Westlake North
STROUM, SAM, 610 19th Ave. North
SUNSET ELEC. CO., 300 Westlake North
SUTTHOFF, JOHN H., 1102 Eighth Ave.
TIERNEY ELECTRICAL MFG. CO., 2713 1st South.

■ TOM WOOD ■
220 9th Av. North, Seattle 9, Wash.
Phone Elliott 8204
SANGAMO ELECTRIC CO.
Meters, Time Switches and Lincoln Thermal Demand Meters
SUPERIOR SWITCHBOARD & DEVICES CO.
Meter Enclosures and Testing Devices
H D ELECTRIC CO.
Max-I-Meters
COBRA WOOD TREATMENT CORP.
Cobra Injection Process for the Preservation of Wood Poles & Timbers
UNITED STATES HOFFMAN MACHINERY CORP.
Oil Filters & Conditioners

TRI-STATE SUPPLY CO., 318 Occidental Ave.
TURNER, W. K., Terminal Sales Bldg.
WATKINS, J. W., 551 Skinner Bldg.
WATSON COMPANY, T. T., 508 5th Ave. South.
WEDEL CO., FRANK, 3215 Western Ave.
WESTINGHOUSE ELEC. SUPPLY CO., 1051 1st Ave. So.
WHEAT & SON, W. W., 560 1st Ave. So.
WILCOX, E. A. CO., 913 Arctic Bldg.
WILL, E. A., 534 1st Ave. So.
WOOD CO., FRED C., Terminal Sales Bldg.
WOOD, THOMAS S., 220 9th Ave. North.
(See advertisement, page 75)
WOOLLEY INSTRUMENT SERVICE, INC., 1869 S.W. Broadway

### Spokane

COOK, M. E., 818 4th Ave.
CONNELLY COMPANY, F. B., 340 West Trent St.
HEATING ASSURANCE, INC., E. 124 Augusta.
HENDRICKSON & ASSOCIATES, ERNEST G., 119 Post.
MAYDWELL & HARTZELL, INC., 814 Paulsen Bldg.
(See advertisement, back cover)
NORTHWEST APPLIANCE DISTRIBUTORS, 1015 W. Riverside
PRUDENTIAL DISTRIBUTORS, INC., So. 151 Stevens.
STANDARD SALES, INC., 1219 W. First.
STAR MACHINERY CO., E. 415 Sprague Ave.
TINLING & POWELL, E. 706 Sprague Ave.

## HAWAIIAN ISLANDS

### Hilo

WENCE, E. G., Box 1695.

### Honolulu

KERR-PURCELL, 900 Richard
PRECISION RADIO SERVICE & SUPPLY, 1378 So. King St.
RAMSEY LTD., W. A.
SCHUELER & WESTERN, 305 Aliliuokalani.

## BRITISH COLUMBIA

### Vancouver

ALCOCK, DOWNING, WRIGHT LTD., 896 Cambie St.
PACIFIC CONTROLS, 1238 Seymour St.
RENOLD — Coventry, Ltd., 1066 Seymour St.
THOMPSON LTD., Chas. L. 144 W.

# DIRECTORY OF APPLIANCE SERVICE and REPAIR PARTS

A listing of electrical appliance manufacturers' Western service station and parts depots. **PAGES 76 - 92.**

**DIRECTORY OF MANUFACTURERS**—Alphabetical listing of manufacturers of electrical equipment, showing their principal Western offices and Sales Representatives. **Pages 1 - 53.**

**WHERE TO BUY IN THE WEST**—Alphabetical listing of various products, showing Western sources. **Pages 54 - 70.**

**DIRECTORY OF WESTERN REPRESENTATIVES**—A listing by states and cities of manufacturers' representatives handling electrical lines. **Pages 71 - 75.**

**ABC HOUSEHOLD WASHER & IRONERS** (See Altorfer Bros. Co.)

**A. B. STOVES DIVISION, Detroit-Michigan Stove Co., Battle Creek, Mich.**
Factory Representatives: Eric F. Chemnitz, 1355 Market St., San Francisco, Calif.; Earl E. Eckstrom, 2601 2nd Ave., Seattle; Crescent Sales Co., 440 Seaton St., Los Angeles 23; Bruce Benz, Resident Salesman, 1911 N.E. 67th, Apt. D, Portland 8; Southwestern Co., 630 Security Bldg., Phoenix, Ariz.
**Distributors:**
**Spokane: Tubbs Electric Co., South 165 Post St.**
Seattle: Robinson Dist. Corp., 3129 Western Ave., Seattle Radio Supply, 2117 2nd Ave.
Los Angeles: Gough Industries, 819 E. 7st St.; Barker Bros., Contracting Div.
Sacramento: Superior Sales Co., 1705 18th St.
Reno: Sierra Appliance Co.
Boise: Afton-Lemp Electric Co., 415 S. 9th
Salt Lake City: Associated Dealers Supply, 60 W. Fayette
Portland: Robinson Dist. Corp., 1235 N. W. Glisan; Gilbert Bros., 826 W. 2nd

**A-P CONTROLS CORP., 2450 N. 32nd St., Milwaukee 45, Wis.**
*(AP, Oilifter, Trap-its, Trapdri, Unapac, Gassapack, Addapack, Oil Control Valves)*
**Service Stations:**
Portland: Oil Circulating Heater Service, 4100 S. E. Milwaukee Ave.
Seattle: Northwest Pump Service Co., 1224 Westlake, North
Tacoma: Gensco Inc., 1111 S. Tacoma Ave.
Yakima: Yakima Heating Supply Co., 16 S. 4th Ave.
**Spokane: Spokane Washer Co., 203 W. Main St. (9)**
**Denver: Instrument Service Co., 833 Champa St. (4)**
Los Angeles: George T. Hall Co., 5625 W. Washington Blvd.

**ACME ELEC. HEATING CO., 1217 Washington St., Boston, Mass.**
*(Acme, Acrom, Acrod, Cast-X, Heetmor heaters)*
**Factory service only.**

**ACME LITE PRODUCTS CO., 350 E. 182d St., New York 57, N. Y.**
*("Magic Arm" fluorescent desk lamp)*
**Factory service only.**

**ACRO MFG. CO., THE.** Crise Controls Div., Acro-Mu Switch Div., Columbus 16, Ohio
*(Electric switches and temperature controls)*
**Representatives:**
Los Angeles: Fred F. Alleman, Room 404 Halleburton Bldg., 1709 W. 8th St.
San Francisco: R. H. Fisher Sales Co., 30 Harriet St.
Seattle: C. B. Parsons, 3028 First St.

**ADMIRAL CORP., 3800 Cortland St., Chicago 47, Ill.**
*(Admiral refrigerators, freezers, air conditioners, moisture conditioners, electric ranges, television, radio, record changers; also parts for Stewart-Warner refrigerators and ranges)*
Phoenix: Arizona Hardware Co., First St. & Jackson, P.O. Box 2110
Portland: Lou Johnson Co., 422 N.W. 8th Ave. (9)
Fresno: Billings Wholesale Radio, 260 Fulton St. (1)
San Diego: Admiral Distributors Inc., San Diego Division, 1270 Columbia St. (1)
San Francisco: Admiral Distributors Inc., San Francisco Division, 274 Brannan St. (7)
Los Angeles: Admiral Distributors Inc., Los Angeles Division, 242 S. Anderson St. (33)
**Salt Lake City: Walter B. Lloyd Co., 51 S. Second West**
Denver: Allied Appliances Inc., 26 Wazee Market (2)
Billings: Midland Dist. Co., P.O. Box 1154
Albuquerque: Cunningham Dist. Inc., 220 W. Marquette
El Paso: The Irion Co. Inc., 2159 Mills St.
Spokane: Jensen-Byrd Co., 314-324 Riverside Ave. (4)
Seattle: Columbia Dist. Corp., 2601 Market St., (7)
Honolulu: Berebeth Corp. Ltd., 36 S. Beretania St.

**AIR CONTROLS INC., Div. of The Cleveland Heater Co., 2310 Superior Ave., Cleveland 14.**
***(Rex air conditioning blowers, furnace blowers, attic fans, exhaust fans, window vent fans)***
**Factory service only.**

**AIRCHIEF FANS** (See Vidrio Products Co.)

**AIRMASTER CORP., 4317 Ravenswood Ave., Chicago 13, Ill.**
***(Airmaster fans, kitchen ventilators, attic ventilators, etc.)***
**San Francisco: O'Keeffe the Fan Man, W. F. O'Keeffe, 55 11th st. (3). Or factory.**

**AIRWAY ELEC. APPL. CO., 2101 Auburn Ave., Toledo 1, Ohio.**

**AJAX ELEC. CO. INC., 101 Allen, Philadelphia 23, Pa.**
*(Ajax-Hultgren Electric Salt bath furnace)*
**Distributors:**
Los Angeles: A. W. Nash, 2112 S. Atlantic Blvd. (22)
San Francisco: Samson Sales Co., 420 Market St. (11)
Denver: Richards-Conant, 2415 15th St. (11)
Seattle: H. E. Hartley Co., American Bldg.

**ALABAMA MFG. CO., 1st Ave. North at 13th St. Birmingham 3, Ala.**
*(Gem Dandy electric butter churn)*
**Factory service only.**

**ALADDIN INDUSTRIES INC., 705 Murfreesboro Road, Nashville, Tenn. (Formerly Mantle Lamp Co. of America)**

**ALLIANCE MFG. CO., Lake Park Blvd., Alliance, Ohio.**
*(Alliance motors, Tenna-Rotor and Tenna-Scope)*
**Factory service only.**

**ALTORFER BROS. CO., Peoria, Ill.**
***(ABC household washers and ironers)***
**Distributors and Service Stations:**
**Seattle: Appliance Parts & Service Co., 214 Stewart St. (1); Columbia Dist. Corp., 2601 Market St.**
**Portland: W. L. May Co., 215 N.W. Park Ave.; W. T. Dyke & Co., 12 S. E. 28th Ave. (15); Appliance Wholesalers of Oregon, 600 N.W. 14th Ave. (9)**
**San Francisco: Washing Machine Parts Co., 45 Rhode Island St.; The Electric Appliance Service Corp., 236 Harriet St. (3); McCormack & Co., 450 9th St.**
**Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd. (15); Washing Machine Parts Co., 1241 So. Hope St. (15); Horn & Cox Inc., 915 Mateo St. (7)**
Spokane: Appliance Parts & Service, W. 609 Trent St.; Taylor Dist. Co., E. 206 Augusta St.
Sacramento: Al Bedard's Parts Supply, 1626 N. C St.
San Diego: R. E. Harris, Inc., Front & Ash St. (1); Electrical Appliance Service Corp., 302 17th St.
Denver: Allied Appliances Inc., 26 Wazee Market; Ray Jones Washing Machine Co., 376 S. Broadway; Niles Washing Supply Co., 509 14th.
**Salt Lake City: Mountain States Distr. Inc., 622 S. State St. (12) (for Utah & Idaho)**
Phoenix: Central Washer Service, 241 S. Central Ave.; Albert Mathias & Co. Inc., 305 S. Second
Albuquerque: Albert Mathias & Co. Inc., 700 N. First.
Helena: D. N. Latus & Co., 1531 National Ave.
El Paso: Albert Mathias & Co. Inc., P.O. Box 391

**ALUMINUM GOODS MFG. CO., 15th & Washington, Manitowoc, Wis.**
*(Mirro, Mirro-Matic, AGM-Pure Aluminum Electric percolators)*
**Service Stations:**
Phoenix: Vinson Carter Electric Co., 325 N. 4th St.
Bakersfield: Urner's Appl. Center, 212 21st St.
Los Angeles: Calif. Electric Service Inc., 832 S. Alvarado St. (5)
Long Beach: Calif. Electric Service Inc., 1407 E. 4th St.
Sacramento: Lamco Electric, 1415 21st St. (14)
San Diego: J. F. Zwiener Electrical Co., 1242 First Ave.
San Francisco: Calif. Electric Service Inc., 168 First St. (5)
San Jose: D & S Repair Service, 402 W. Santa Clara St.
Denver: Midwest Electric Service Inc., 1126 Sante Fe Drive
Boise: Karre Appliance Shop, 1511 State St.
Butte: Radio Eng. Service Co., 219 W. Park St.
Albuquerque: Troy's Welding Shop, 6201 N. Second St.
Medford: Trowbridge & Flynn Elec. Co.
Portland: Morrison Electric Co., 1206 S. W. Wash. at 12th Ave. (5)
El Paso: Wayne M. Tinkler & Co. Ltd., 813 Cedar at 5 Points
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave. (8)

**AMANA REFRIGERATION, INC., Amana, Iowa**
*(Food freezers)*
**Representative:**
John J. Pollon, 12238 Cantury St., N. Hollywood, Calif.
**Distributors:**
Spokane: Evergreen Distributors, c/o Goodwin Mayflower Warehouse Co.
Portland: Lou Johnson Co., Inc., 422 N.W. 8th Ave.
San Francisco: Kaemper & Barrett, 1195 Harrison St.
Los Angeles: Amana Freezer Distributors, 4901 Huntington Drive N.
Seattle: Amana-Seattle Co., 1926 9th Ave.
**Salt Lake City, Zion Cooperative Mercantile Institution, 1665 Bennett Road**
Phoenix: Arizona Hdwe. Co., 1st & Jackson St.
San Diego: Amana Freezer Dist., 2426 Fourth Ave.
Fresno: Amana - San Joaquin Distrs., 1833 Van Ness Ave.
Boise: Zion Cooperative Mercantile Institution, 314 S. 6th St.
Helena: D. N. Latus & Co., 1531 National Ave.
Albuquerque: Cunningham Distributing Inc., 218-220 W. Marquette
Denver: The Parker Co., 4655 Colorado Blvd.

**AMERICAN BEAUTY ELECTRIC IRONS** (See American Electrical Heater Co.)

**AMERICAN ELECTRICAL HEATER CO., 6110 Cass Ave., Detroit 2, Mich.**
***("American Beauty" electric irons)***
**Parts and service:**
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Denver: Midwest Electric Wiring Co., 323 W. Colfax Ave. (4); (9)
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Los Angeles: California Electric Service Inc., 832 S. Alvarado St. (5)
Portland: Morrison Elec. Service, S.W. Washington at Thirteenth
**Oakland: California Elec. Service Stations, 166 Grand Ave. (12)**
**San Francisco: California Elec. Service Stations, 168 1st St. (5)**
San Diego: Electrical Appliance Service Corp., 302 17th St. (2)
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave. (8)

**AMERICAN IRONING MACHINE CO. (See Speed Queen Corp.)**
***(Simplex ironers)***

**AMERICAN MICROPHONE CO., 370 So. Fair Oaks Ave., Pasadena 1, Calif.**
**Factory Service Only.**

**AMICAL INC., 60 Federal St., San Francisco, Calif.** (Subsidiary of Noma Lites Inc. See Noma.)

**ANSLEY RADIO & TELEVISION INC., 85 Tremont St., Meriden, Conn.**
***(Ansley Dynatone Radios)***
Orders to be placed at factory for the present.

**APEX ROTAREX CORP., Cleveland 10, Ohio.**
***(Apex Rotarex, Rotarex, Faultless, Holland-Rieger, Lake State Products)***
***(Cleaners, washers, ironers)***
**Parts and service:**
**Oakland: Electric Appliance Parts Co., 527 E. 8th St.**
San Francisco: Electrical Appl. Service Co., 1434 Howard St.; Washing Machine Parts Co., 45 Rhode Island St.
**Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd.; (office and parts) Washing Machine Parts Co., 1241 S. Hope St.; The Ven Corp., 2832 Newell St.( service only)**
San Diego: Electrical Appl. Service Co., 302 17th St.; Washing Machine Parts Co., 1743 India St.

Portland: W. L. May Co., 215 N. W. Park Ave.
Salt Lake City: Glenn Earl, Inc., 245 So. First West
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Sacramento: Finnestead Washer Service, 1306 Jay St.
Spokane: Appliance Parts & Service Co., W. 609 Trent.
Albuquerque: J. Korber & Co., 200 N. 2nd St.
Denver: Ray Jones, 376 So. Broadway (9)
**Distributors:**
San Francisco: Apex Rotarex Corp., 1355 Market St. (3)
Reno: Osborne & Dermody, Inc., 253-255 Chestnut St.
Salt Lake City: Glenn Earl Inc., 245 So. First, West

APPLIANCE MFG. CO., Alliance, Ohio
*(Duchess washers)*
**Distributors:**
Billings: Taylor Distr. Co., 2716 Montana Ave.
Salt Lake City: Flint Distr. Co., 316 W. 2d S. St.
*(Duchess & Kelvinator washing machines)*
Denver: Savage & Son, 203 Wazee Market
Phoenix: Ralph W. Nixon, P. O. Box 702
**Parts only:**
Los Angeles: Electrical Appliance Serv. Corp., 726 W. Venice Blvd. Washing Machine Parts Co., 1241 So. Hope St. (15)
San Francisco: Electrical Appl. Service Corp., 1434 Harriet St. Washing Machine Parts Co., 1375 Mission St. (13)
Denver: Ray Jones Washing Machine Parts & Repair Co., 376 S. Broadway (9) Western Appliance Corp., 1147 Broadway (3)
Portland: W. L. May Co., 215 N. Park Ave. (9)
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Phoenix: Electrical Equip. Co., 424 Central Ave.
Spokane: Spokane Washer Co., North 115 Browne
San Diego: Washing Machine Parts Co., 1743 India St.

ARMSTRONG PRODUCTS CORP., Huntington 12, W. Va.
*(Ironers, electrical specialties)*
Los Angeles: Washing Machine Parts Co., 1241 So. Hope St.; Elec. Appl. Service, 726 W. Venice Blvd.
Portland: W. L. May Co., 215 N.W. Park Ave.
Seattle: Appliance Parts & Service Co., 214 Stewart St.
Denver: Midwest Elec. Service Co., 1124 Santa Fe Drive
San Diego: Elec. Appl. Service Co. of San Diego, 302 17th St.; Washing Machine Parts Co., 1743 India St.
San Francisco: Will M. Aronson, 666 Howard St.; Washing Machine Parts Co., 1321 Mission St.

ARTISTIC NEON SIGN CO., 1661 N. Western Ave., Hollywood 27, Calif.

ARVIN INDUSTRIES, INC., Columbus, Ind. (Formerly Noblitt-Sparks Industries, Inc.)
**Service Stations:**
Phoenix: Dependable Radio & Elec. Co., 1631 W. Jefferson St.
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd. (15)
Sacramento: Lameo Electric, 1415 21st St.
San Diego: Electrical Appliance Service Corp., 302 17th St.
San Francisco: Will M. Aronson Co., 666 Howard St. (5)
Denver: Midwest Electric Service Co., 1124-26 Santa Fe Drive (4)
Portland: Morrison Electric Co., 1206 S. Wash. at 12th Ave. (5)
El Paso: Wayne M. Tinkler & Co., Ltd., 813 Cedar
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: J. M. Hooper Electric Co., 222 Marion St. (4)
Spokane: Spokane Appl. Repair, S. 173 Wall St. (8)

ASSOCIATED PRODUCTS INC., 20 S. Ontario St., Toledo 2, Ohio
**Service Stations:**
Los Angeles: Sterling Service, 929 S. Grand Ave. (15)
San Francisco: Dahl-Beck Electric Co., 118 Main St.
Butte: Monitor Distributors Inc., 604 Utah St.
Portland: Bressie Electric Co., 909 S.W. 5th Ave.
Spokane: Spokane Appliance Repair, S. 173 Wall St. (8)

ASSOCIATED PROJECTS CO., INC., 157 Marconi Blvd., Columbus, Ohio
*(LumiNite, Electric Lighted switch plates, Indicator Lights-Neon lamps)*

AUTH ELECTRIC CO. INC., 34-20 45th St., Long Island City 1, N.Y.
*(AuthOtone door chimes, signaling systems)*
**Parts furnished from factory.**
**Service Stations:**
Los Angeles: J. G. Pomeroy Co., 1004 E. 4th St. (13)
San Francisco: George A. Gray Co., 2720 17th St. (10)
Seattle: Shaffer & Nelson, 312 Occidental Ave. (4)
Spokane: Shaffer & Nelson, 824 Realty Bldg.
Denver: Everett T. Vonier Co., 1160 Elati St. (3)
Portland: Shaffer & Nelson, 1204 N. W. Glisan
Salt Lake City: Darger Co., 251 Rio Grande St. (1)

AUTOMATIC ELECTRIC MFG. CO., 10 State St., Mankato, Minn.
**Representatives:**
Los Angeles: R. B. Clapp Co., 314 Omar Ave. (13)
San Francisco: Ballard Co., 407 Sansome St. (11)
Seattle: Jack E. Way Co., 1001 West Lake Ave. N.

AUTOMATIC WASHER CO., Newton, Iowa
*(Laundry Queen washers)*
Los Angeles: Electrical Appliance Service, 726 W. Venice Blvd. (15); Washing Machine Parts Co.
San Francisco: Elec'l Appliance Service; Washing Machine Parts Co.
San Diego: Elec'l Appliance Service; Washing Machine Parts Co.
Portland: W. L. May Co.
Seattle: Appliance Service Co.
Denver: Ray Jones Washing Machine Parts & Repair Co., 376 So. Broadway
Salt Lake City: A-1 Master Electric Shop, 47 E 4th South St.
**Repair parts for Prima washers can be furnished from factory.**

AVCO MFG. CORP.
(See Crosley Division)

BABY GRANDE WASHERS (See Vidrio Products Co.)

BAR-BROOK MFG. CO., P.O. Box 6638, Cedar Grove Station, Shreveport, La.
**Factory service only.**

BARLOW & SEELIG MFG. CO. (See Speed Queen Corp.)

BARTON CORP., West Bend, Wis.
*(Barton electric and gasoline engine washers, gas and electric clothes dryers, electric ironers)*
Albuquerque: Zork Hardware Co., 1414 No. 12th St.
Los Angeles: U. S. Grant Supply Co., 2900 E. 11th St.
Denver: George S. Conley Co., 731 15th St.

BASIC PRODUCTS CORP., 2222 W. Sample St., South Bend, Ind.
*(Magic refrigerator defrosters and time controls)*
Los Angeles: J. E. Shull & Son, 3601 Whittier Blvd. (23)

BAUER MFG. CO., 3121 W. El Segundo Blvd., Hawthorne, Calif.
*(Bauer Electric wall and water heaters)*
**Factory service only.**

BEAM MFG. CO., Webster City, Iowa.
*(Coronado, Wizard and A.M.C. washers)*
Denver: Ray Jones Washing Machine Co., 376 So. Broadway
**Distributors:**
Members of Appliance Parts Jobbers Assn.
Gamble Skogmo Stores
Gamble Western Auto Stores
AMC Stores

BELTER ELEC. MFG. CO., G. J., 3830 Olive St., St. Louis 8, Mo.
*(Belco exhaust, ventilating and window fans)*

BENDIX HOME APPLIANCES INC., Division of Avco Mfg. Corp., 3300 W. Sample St., South Bend Ind.
*(Kitchen and laundry appliances)*
**Distributors:**
Seattle: Harper-Meggee Inc., 960 Republican St. (9)
Spokane: Harper-Meggee Inc., 734 Division St.
Portland: Harper - Meggee Inc., 1506 N. W. Irving St. (9)
San Francisco: Leo J. Meyberg Co., 33 Gough St. (1)
Los Angeles: Leo J. Meyberg Co., 2027 S. Figueroa St. (7)
Denver: Larson Distr. Co., P. O. Box 4060
Salt Lake City: Flint Distr. Co., 316 W. 2d South St.
Phoenix: Electrical Equip. Co., 1st Ave. at Madison
Billings: Taylor Distributing Co., 4148 First Ave., S.
El Paso: H. E. McMasters Co., 700 E. Paisano Drive
Honolulu: Electrical Distributors, Ltd., P. O. Box 228

BENDIX TELEVISION AND RADIO, Baltimore 4, Md.
*(Division of Bendix Aviation Corp.)*
*(Bendix television and radios)*
**Distributors:**
San Francisco: Kane Co., 178 Townsend
Los Angeles: Mulhausen & Hannegan, 1206 Maple Av., Rm. 843 (13)
Portland: D. E. Lindsay Co., 1233 N.W. 12th Ave. (9)
Denver: Nelfan Co., 702 Ernest & Cramer Bldg. (2)

BERNHARDT CO., INC., McDonough, Ga.
**Factory service only.**

BERSTED MFG. CO., Fostoria, Ohio.
*(Eskimo and Zero fans, Eskimo-Fostoria and Bersted appliances)*
**Service Station:**
Denver: Marine Air Conditioners, 1863 Wazee St. (2)
Los Angeles: J. & S. Co., 4356 W. Third St. (5)
San Francisco: Will M. Aronson, 666 Howard St.
Portland: Morrison Elec. Service, S.W. Washingon at 13th
Salt Lake City: Wolters Electric Co., 238 S. State St.

BIRTMAN ELEC. CO., 4140 Fullerton, Chicago, Ill.

BLACKSTONE CORP., 1088 Allen St. Ext., Jamestown, N. Y.
*(Blackstone home laundry appliances)*
**Representatives:**
Los Angeles: H. E. Caygill, 409 E. 2d St. (12)
San Francisco: Thompson-Diggs Co., 1355 Market St.
Denver: Robert F. Clark Co., 70 Rio Grande Blvd.
Phoenix: Butane Corp., 19th Ave. & Linden
Salt Lake City: Kimball Distributing Co., 115 S. West Temple (1)
Seattle: Love Electric Co., 318 Westlake No.
Honolulu: D M Distributors, 1232 Kona St.

BORG-WARNER CO. (See Norge Div.)

BOSS WASHERS (See Frantz Mfg. Co.)

BRADLEY TOOL AND ENGINEERING, 915 Woodville St., Toledo 5, Ohio
*(Buffet Chef Roaster)*
**Factory service only.**

BRAMMER MFG. CO., Davenport, Iowa.
*(Biren Living Kitchens)*

BROILKING APPLIANCES (See International Appl. Corp.)

BROIL-QUIK CO., 2330 5th Ave., New York, N. Y.
**Service Stations:**
Phoenix: Armstrong Appliance Co., 2343 E. McDowell
Los Angeles: Electrical Appliance Co., 726 W. Venice Blvd. (15)
Sacramento: Lemco Electric Co., 1415 21st St.
San Diego: Electrical Appliance Service Co., 302 17th St. (2)
San Francisco: Electrical Appliance Service Co., 1434 Howard St. (3)
Portland: Bee Electrical Co., 28 N.W. 10th Ave. (9)
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave. (8)

BUFFALO FORGE COMPANY, P. O. Box 985, Buffalo 5, N. Y.
*(Small exhaust fans, large ventilating fans, unit heaters, air cond. equip.)*
**Factory service only.**

BURDICK CORP., THE, Milton, Wis.

BURNHAM CORP., Box 351, Zanesville, Ohio
*(Burnham electric steam radiators and explosion-proof electric radiators)*
**Distributors:**
Hermosa Beach: Mrs. Irene Danely, 66 Strand
Denver: Kent Engineering, P.O. Box 1287 (1)
Portland: Bruce-Emmett Co., 830 S.E. Alder St. (14)
Seattle: Milton T. Chase, 1337 44th Ave., S.W. (6)

BURPEE CAN SEALER CO., 128 W. Liberty St., Barrington, Ill.
*(Burpee French Fryer; Burpee, Aristo, Lady Price and Handy-hot deep fryers and utility cookers)*
**Service Stations:**
Los Angeles: California Electric Service, 832 S. Alvardo St.
Portland: Bee Electric Service, 28 N.W. 10th Ave.

CABLE ELECTRIC PRODUCTS INC., 234 Daboll St., Providence 7, R.I.
*(Melody bells and buzzers; Snapit chimes and transformers, cord sets, wiring devices)*
**Representatives:**
Los Angeles: Frank H. Bran Co., 607 E. 6th St. (21)
Denver: Allen B. Carpenter Co., 820 12th St. (4)
Seattle: C. A. King Co., 2323 Second Ave.
**Warehouse:**
Los Angeles: 607 E. 6th St.

CADILLAC ELECTRIC VACUUM CLEANER (See Clements Mfg. Co.)

CALBEST ENG. & ELECTRONICS CO., 828 N. Highland Ave., Hollywood 38, Calif.
**Factory service only**

CALIFORNIA DESIGN MFG. CORP., 228 N. Front St., Burbank, Calif.
**Factory service only.**

CALKINS APPL. CO., Niles, Mich.

CAMFIELD MFG. CO., Grand Haven, Mich.
**Service Stations:**
Billings: Billings Electric Supply Co., 214 N. 30th St.
Denver: Midwest Electric Co., 1124-26 Santa Fe Drive (4)
Los Angeles: Electrical Appliance Service, 726 W. Venice Blvd. (15)

Portland: W. L. May Co., 215 N. W. Park Ave. (9)
San Diego: Electrical Appliance Service, 302 17th St. (2)
San Francisco: Electrical Appliance Service, 1434 Howard St. (3)
Salt Lake City: Appliance Service Center, 57 Richard St. (1)
Seattle: A. Appliance Co., 610 E. Pine St. (22)
Honolulu: Electrical Distributors, 1216 Kapiolani Blvd.

**CANTON CLOTHES DRYER CO.**, 368 Hillman Bldg., Canton, Ohio
*(Canton clothes dryer)*
**Factory service only.**

**CAPEHART - FARNSWORTH CORP.**, 3700 E. Pontiac, Fort Wayne 1, Ind.
*(Capehart radio and television)*
**Distributors:**
Los Angeles: Graybar Electric Co. Inc., 210 Anderson St. (54)
San Francisco: Thompson & Holmes Ltd., 650 Second St., (7)
Denver: Larson Dist. Co., 550 Lincoln St. (9)
Helena: D. N. Latus & Co., 1531 National Ave.
Las Vegas: Saviers Electrical Products Corp., 101 E. Charleston (P.O. Box 1231)
Reno: Saviers Electrcial Products Corp., 640 Sierra St.
Portland: Central Distributors, 1331 N.W. Couch St.
Salt Lake City: S. R. Ross Inc., 1212 S. State St. (4)
Seattle: Seattle Radio Supply Inc., 2117 Second Ave. (1)
Spokane: True's Distributing Co., N. 730 Hamilton St. (2)

**CARRIER CORP.**, 300 S. Geddes St., Syracuse, N. Y.
**Branch Offices:**
Los Angeles: 5530 Harbor St.
San Francisco: 251 1st St.
Denver: 1718 California St.
Phoenix: 114 W. Adams St.

**CASCO PRODUCTS CORP.**, Bridgeport 2, Conn.
*(Casco steam and dry irons, electric heating pads, power tools)*
**Service Stations:**
Los Angeles: J. & S. Co., 4356 W. 3rd St. (5)
San Francisco: Appliance Service Factors, 123 Steuart St.
Portland: Bressie Electric Co., 909 S. W. 5th Ave. (4)
Salt Lake City: Appliance Service Center Inc., 57 Richards St. (1)
Spokane: Spokane Appliance Repair, S. 173 Wall St. (8)
Honolulu: Hawaiian Electric Supply Co., 930 Clayton St.

**CASS WASHERS** (See Whirlpool Corp.)

**CENTURY PRODUCTS WORKS INC.**, 503-507 W. 56th St., New York 19, N.Y.
**Service Stations:**
Los Angeles: Better Fix It Shop, 8580 W. Pico Blvd.
Portland: Bressie Elec. Co., 909 S.W. 5th Ave. (4)

**CHAMPION LAMP WORKS**, 600 Broad St., Lynn, Mass.
**Pacific Coast Distributor:**
San Francisco: Panama Lamp & Commercial Co., 815 Howard St., with warehouses at 1001 E. First St., Los Angeles, and 912 12th Ave, Seattle.

**CHELSEA FAN & BLOWER CO.**, 639 South Ave., Plainfield, N. J.
*(Power Line fans)*
**Factory service only**

**CHICAGO DRYER CO.**, 2210 N. Pulaski Rd., Chicago 39, Ill.
*(Chicago washer, extractor, ironer, clothes dryer, laundry equipment)*
**Factory service only.**

**CHICAGO ELECTRIC MFG. CO.**, 6333 W. 65th St., Chicago 38, Ill.
*(Handyhot and Sterling appliances)*
**Service stations:**
Long Beach: California Electric Service Inc., 1407 E. 4th St.
Los Angeles: California Electric Service Inc., 832 S. Alvarado St. (5)
San Francisco: Byington Elec. Co., 1809 Fillmore St. (15)
Portland: Bressie Elec. Co., 909 S. W. 5th St. (4)
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Butte: Radio Engineering & Service Co., 219 W. Park St.
Denver: Midwest Elec. Service Co., 1126 Santa Fe Drive
Seattle: J. M. Hooper Electric Co., 222 Marion St. (4)
Phoenix: Dependable Radio & Electronics Co., 1631 W. Jefferson St.
El Paso: Wayne M. Tinkler & Co. Inc., 2731 E. Yandell
Honolulu: W. R. Ramsey Ltd., P.O. Box 1721

**CHICAGO ELECTRIC MFG. CO.**, National-White Cross Div., 6333 W. 65th St., Chicago 38, Ill.
*(White Cross and National waffle irons, sandwich toasters, washers, wringers, flat irons, fans, heating pads, mixorblends, frost controls, coffee-vacs, hot plates)*
**Service Stations:**
Los Angeles: California Elec. Service Inc., 832 S. Alvarado St.
San Francisco: Byington Elec. Co., 1809 Fillmore St.
Butte: Radio Eng. & Serv., 219 W. Park St.
Portland: Eureka Electric Co., 510 S.W. Salmon St.
Salt Lake City: Eureka Appliance Co., 177 E. Broadway
Seattle: Appl. Parts & Serv. Co., 214-216 Stewart St.
Spokane: Appl. Parts & Serv. Co., 609 W. Trent Ave.
Tacoma: Ajax Electric Co., 747 Fawcett Ave.
Phoenix: Dependable Radio & Elec. Co., 1635 W. Jefferson St.
Denver: West. Appl. & Elec. Co., 1159 Stout St.

**CHICAGO FLEXIBLE SHAFT CO.** (See Sunbeam Corp.)

**CHROMALOX UNITS** (See Wiegand Co.)

**Ranges Chromalox-equipped:**
A-B, AMC, Coolerator, Coronado, Crosley, Crown, Enterprise, Estate, Firestone, Florence, Gibson, Home Comfort, Kelvinator, Kenmore, Leonard, Magee, Marion, Martha Washington, Mealmaster, Meynell, Modern Maid, Monarch, Montgomery Ward, Norge, Odin, Pan American, Perfection, Presteline, Royal Spiegel, Supreme, Tappan, Welbilt, Wizard

**CHURNS—GEM DANDY** Electric Butter (See Alabama Mfg. Co.)

**CLEMENTS MFG. CO.**, 6650 S. Narragansett Ave., Chicago (38), Ill.
*(Cadillac elec. vacuum cleaner, portable electric blowers)*
Portland: Vacuum Cleaner Specialists, Inc., 18 N. W. 4th Ave. (9)
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Los Angeles: Jesse M. Few, 1515 W. 7th St. (14)
San Diego: J. H. Hughes Appliance Co., 718 "E" St.
San Francisco: Noel Vacuum Cleaner Co., 523 Valencia St.
Sacramento: Remington's Vacuum Cleaner Center, 2820 21st St.
Hawaii: Send inquiries to factory

**CLEVELAND HEATER CO.** (See Air Controls, Inc.)

**COIN-O-VISION**, 828 N. Highland, Hollywood 38, Calif.

**COLDSPOT REFRIGERATORS** (See Seeger Ref. Co.)

**COLLINS CONCRETE & STEEL PIPE CO.**, 3841 N. Columbia Blvd., Portland (17) Ore.
*(Collins and Watermaster elec. water heaters)*
**Factory service or local dealers only on parts. Defective parts, one year old or less, should be returned with order, accompanied by serial No., owner's name and date of installation.**

**COLLMAN MFG. CORP.**, 421 W. 12th St., Erie, Pa.

**COLONIAL-PREMIER CO.**, 466 W. Superior St., Chicago 10, Ill.
*(Certified lamps and shades, wallettes, and smokers)*
**Parts from factory only.**

**COLUMBIA ELEC. & MFG. CO.**, W. 1024 Ide Ave., Spokane 5, Wash.

**COLUMBIA ELECTRIC WATER HEATERS** (See Nat'l Steel Construction Co.)

**CONLON BROS. MFG. CO.**, 4512-18 W. Fillmore St., Chicago 24, Ill.
**Parts and Service:**
Denver: Ray Jones Washing Machine Parts & Repair Co., 376 So. Broadway (9)
San Francisco: Electrical Appl. Ser. Co., 236 Harriet St. (3)
Portland: W. L. May Co., 215 N. W. Park Ave. (9)
Seattle: Appliance Parts & Service, 216 Stewart St. (1)

**CONLON-MOORE CORP.**, 1806-1828 S. 52nd Ave., Chicago 50, Ill.
**Parts Distributors:**
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd.; George H. Williams Co., 5600 Tuxedo Terrace (28); Washing Machine Parts Co., 1241 S. Hope St.
Sacramento: Al Bedard's Appliances, 1626 N. C St.
San Diego: Washing Machine Parts Co., 1743 India St.
San Francisco: Electrical Appl. Service Corp., 1434 Howard St. (3); Arthur C. Maryon Co., 219 Ninth St.; Washing Machine Parts Co., 1375 Missouri St., and 45 Rhode Island St.
Denver: Ray Jones, 376 S. Broadway
Butte: Montana Power Co., P.O. Box 1338
Great Falls: Great Falls Paper Co., 600 Second St. S.
Portland: W. L. May Co., 215 N. W. Park Ave. (9)
Logan: Montrose's, 33 Federal Ave.
Salt Lake City: A-1 Master Electric, 47 E. 4th South; General Sales Co., Atlas Bldg.
Longview: Custer's Washing Machine Parts & Service, 1149 Commerce Ave.
Seattle: Appliance Parts & Service Co., 216 Stewart St.; Robinson Dist. Corp., 3129 Western Ave. (1); H. E. Zobrist Co. Inc., 2121 Westlake Ave.
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave. (8)
Honolulu: Hawaiian Electric Co. Ltd.

**CONNECTICUT APPLIANCE CO.**, Winsted, Conn. (Subsidiary of Son-Chief Electrics, Inc.)
*(Coronet appliances)*
**Service Stations:**
Seattle: J. M. Hooper Electric Co., 222 Marion St.
Portland: Morrison Electric Co., S.W. Washington at 13th
Los Angeles: California Electric Service Station, 832 S. Alvarado St.
San Francisco: P. & D. Appliance, 1414 34th Ave.
Denver: Midwest Elec. Service Co., 1124-26 Santa Fe Drive
Amarillo: Panhandle Appl. Service, 407 No. Fillmore

**CONNECTICUT CLOCKS** (See Ingersoll Div.)

**CONNOR ENG. CORP.**, Danbury, Conn.

**CONRAC INC.**, Glendora, Calif.
*(Conrac Television receivers)*
**Factory service only.**

**CONTINENTAL ELEC. CO.**, 715 Hamilton St., Geneva, Ill.
*(Cetron Tubes & Electronic Specialties)*
**Western representatives:**
Gardena, Calif.: Alfred W. Harris, Western Electronic Enterprises, 3348 W. Compton Blvd. (for California)
Seattle: C. B. Parsons & Co., 115 Belmont Ave. No. (for Washington and Oregon.)
**Also service at factory**

**COOLERATOR CO.**, Duluth 1, Minn.
*(Electric refrigerators, ranges, room air conditioners, upright freezers and chest-type freezers)*
**Distributors:**
Los Angeles: Century Distributing Co., 1335 S. Grand Ave.
San Diego: Thomas Distributing Co. Inc., 1002 W. Juniper St.
San Francisco: Pioneer Appliance Co., Inc., 1355 Market St. (1)
Portland: Schafer-Wright Inc., 1233 N.W. 12th Ave.
Seattle: Seattle Radio & Supply Inc., 2117 2d Ave. (1)
Spokane: True's Dist. Co., N. 730 Hamilton
Salt Lake City: Glenn Earl Inc., 245 So. 1st West
Phoenix: Albert Mathias Co., 305 So. 2nd Ave.
Billings: Kelley - How - Thomson Co., 2723 Minnesota Ave.
Albuquerque: Albert Mathias Co., 315 No. Broadway
El Paso: Albert Mathias Co., 115 S. Mesa (1)

**CORNING GLASS WORKS**, Corning, N. Y. Branch office, 1355 Market St., San Francisco, Calif.

**CORONET APPLIANCES** (See Connecticut Appliance Co.)

**CORY CORP.**, 221 N. LaSalle St., Chicago 1, Ill.
**Service Stations:**
Portland: Bressie Electric Co., 909 S. W. 5th Ave.
San Francisco: H. C. Johnson, 443 Valencia
Los Angeles: Sterling Service, 950 So. Flower
Seattle: Appliance Service Station, 1220 Westlake Ave No.
Eugene: C & S Electric, 1070 Williamette.
San Diego: J. F. Zwiener Electric Co., 1242 First St. (1)
Denver: Midwest Electric Service Co., 323 W. Colfax Ave. (4)
Long Beach: Baum Electric Co., 1100 Myrtle Ave.
Palm Springs: McLaughlin Electric, 190 No. Indian Ave.
Sacramento: Lam-Co Electric, 1415 21st St.
Salinas: Salinas Valley Hotel Sup., 117 Main St.
Boise: Electric Service Co., 826 Idaho St.
Lewiston, Idaho: John's Electric Shop
Moscow, Idaho: Moscow Electrical Co., 203 So. Main St.
Twin Falls: Electric Service Co., 233 2nd Ave. East
Astoria: Aladdin Electric Co., 211 W. Bond St.
Bend: Deschutes Electric, 838 Wall
Grants Pass: Hollywood Electric Co., 626 So. 6th St.
Klamath Falls: Leach Service, 123 So. 6th St.
La Grande: Vaughan's Electric, 1117 Adams St.
Medford: Trowbridge & Flynn Elec., 214 W. Main St.
North Bend: North Bend Electric, 1980 Sherman Ave.
Pendleton: R. A. Fjelland Fixit Shop, Second & Courth.
Roseburg: Roseburg Electric, 131 No. Jackson.
Salem: Marion Electric Co., 2697 Portland Road.
Ogden: Appliance Service Center, 2420 Grant Ave.
Salt Lake City: Appliance Service Center, 57 Richards St.
Aberdeen: A. & F. Electric Shop, 112-114 So. Jefferson St.
Bremerton: Ahearn Electric Co., 826 6th St.

Everett: The Willingham Elec. Co., 1810 Hewitt St.
Kennewick: Grigg Bros., 214 Kennewick Ave., Box 227.
Longview: Nelson Electric Co., 1145 Commerce St.
Mount Vernon: The Consumers Elec., Inc., 2nd and Milwaukee.
Port Angeles: Olympic Electric Co., 5th and Lincoln.
Spokane: Maxwell's, Inc., First Ave. at Wall St.
Tacoma: Ajax Electric Co., 747 Fawcett Ave.
Walla Walla: Appliance Services, Inc., 113 W. Adler St.
Wenatchee: Edwards Appliance Shop, 318 Pennsylvania Ave.
Yakima: Yakima Hardware Co.

**CROSLEY Division — Avco Mfg. Corp., 1329 Arlington St., Cincinnati 25, Ohio**
*(Crosley television and radio, refrigerators, freezers, ranges, dishwashers, hot water heaters, disposers and kitchens)*
**Distributors handling repairs parts and doing servicing:**
San Francisco: California Elec. Supply Co., 1585 Folsom St. (3)
Los Angeles: J. N. Ceazan Co., 1700 S. Figueroa St. (15)
San Diego: J. N. Ceazan Co., 1945 E. Harbor Dr. (1)
Portland: Crosley Distributing Corp.; 2900 N.W. 29th St. (10)
Denver: Graybar Elec. Co., Inc., 104 Wazee St. (4)
Seattle: Crosley Dist. Corp., 1534 1st Ave. S. (4)
Spokane: General Distributors, Inc., 124 E. Trent Ave. 1st Ave. S. (4)
Tucson: Appliance Distributors, 204 So. Park Ave.; P.O. Box 1470
Salt Lake City: Western Supply Co., 357 W. Second St. S
Phoenix: Appliance Distributors, 213 So. 11th Ave.; P.O. Box 6283

**CURLEY ELEC. MFG. CO., 2113 S. Orange Drive, Los Angeles 16, Calif.**
*(Heating elements for electric appliances, thermostats and fuses)*

**DANRAY-PARKE CO., 1300 East Park Place, Milwaukee 11, Wis.**

**DEEPFREEZE APPLIANCE DIV., MOTOR PROD. CORP., 2301 Davis St., N. Chicago, Ill.**
**Distributors:**
Phoenix: Al Jennings Co., 607 W. Washington St.
Los Angeles: Ray Thomas Co., 1601 S. Hope St.
San Francisco: Frank Edwards Co. Inc., 382 6th St.
Salt Lake City: Mountain States Distributors, 622 S. State St.
Billings: Keefe Auto Supply Co., 3017-19 Montana Ave.
Portland: Stubbs Electric Co., 33 N. W. Park Ave. (9)
Seattle: Schwabacher Hdw. Co., 401 First Ave., S.
Spokane: Tubbs Electric Co., 165 So. Post St.
El Paso: Boyd Dist. Co., 2209 Mill St.
Denver: Savage & Son Inc., 203 Wazee Market

**DELCO APPL. DIV., GENERAL MOTORS, 391 Lyell Ave., Rochester, N. Y.**
*(Delco-Heat automatic home heating equipment and Delco water systems)*
Pacific Region: John Hansler, manager, 747 Oregon, San Mateo, Calif.
**Service rendered by authorized dealers.**

**DELTA ELEC. CO., 33rd and Nebraska, Marion, Ind.**
*(Electric lanterns, bicycle headlights, taillights, horns, generators)*

**DELUXE HAIR DRYERS**
(See Vidrio Products Co.)

**DELUXE VACUUM CLEANERS**
(See Ohio Elec. Co.)

**DETROIT MICHIGAN STOVE CO., Battle Creek, Mich.** (See A-B Stoves)

**DEXTER CO., Fairfield, Iowa.**
Denver: Ray Jones, 376 Broadway (9)

**DeWALD RADIO MFG. CORP., 35-15 37th Ave., Long Island City, N. Y.**
*(DeWald TV and Radios)*
**Factory service only.**

**DOMESTIC SEWING MACHINES CO., Cleveland 1, Ohio**
**Distributors:**
Phoenix: Al Jennings Co., P.O. Box 1689
Billings: Northwestern Auto Supply Co., 420 N. Broadway
Denver: Robert F. Clark Co., 70 Rio Grande Blvd.
Los Angeles: Leo J. Meyberg Co. Inc., 2027 S. Figueroa St. (7)
San Francisco: Leo J. Meyberg Co., Inc., 33 Gough St. (1)
Albuquerque: Sierra Sewing Machine Co., 1224 Fruit Ave., N.W.
Portland: Home Makers Supply Co., 824 S. W. 18th Ave. (5)
Salt Lake City: Zion's Cooperative Mercantile Institution, Wholesale Furn. & Appl. Div., Box 1109, 1665 Bennett Rd. (10)
Seattle: Home Makers Supply Co., 2416 First Ave.
Spokane: Prudential Distributors Inc., S. 151 Stevens St. (8)

**DOMINION ELECTRIC CORP., 120 N. Elm St., Mansfield, Ohio**
**Service Stations:**
Los Angeles: Calif. Electric Service Inc., 832 S. Alvarado St. (5)
San Diego: J. F. Zwiener Electrical Co., 1242 First Ave. (1)
San Francisco: Will M. Aronson Co., 666 Howard St. (5)
Portland: Morrison Electric Co., 1206 S. W. Washington at 12th
El Paso: Wayne Tinkler Co., 2731 E. Yandall St.
Seattle: J. M. Hooper Electric Co., 222 Marion St.
Spokane: Appliance Parts and Service Co., 609 W. Trent Ave.
Salt Lake City: Intermountain Appliance Service, 708 S. State St.

**DORMEYER CORP., Kingsbury and Huron Sts., Chicago 10, Ill.**
*(Electric Food Fixer, Meal Maker, Fri-Well, Blender, Toastmaker, Dormey)*
**Service Stations:**
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.
Los Angeles: California Electric Service Inc., 832 S. Alvarado St. (5)
San Francisco: California Electric Service Inc., 168 First St.
Sacramento: Lamco Electric, 1415 21st St.
San Diego: Electrical Appl. Service Corp., 302 17th St. (2)
Denver: Midwest Electric Wiring Co., 1126 Santa Fe Drive (4)
Portland: Bressie Electric Co., 909 S.W. 5th Ave.
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Seattle: J. M. Hooper Electric Co., 222 Marion St.
Spokane: Appliance Parts and Service, 609 W. Trent
Tacoma: Ajax Electric Co., 747 Fawcette Ave.

**DOVER MFG. CO., 524 River St., Dover, Ohio.**

**DUCHESS WASHERS**
(See Appliance Mfg. Co.)

**DuKANE CORP., St. Charles, Ill.** (Formerly Operadio Mfg. Co.)
*(Flexifone intercoms, DuKane sound systems)*
**Distributors:**
Phoenix: Kelton Audio Equipment Co. Inc., 812 N. First St., Radio Specialties & Appl. Corp., Box 2229, 305 E. Roosevelt
Bakersfield: Valley Radio Supply, 716 Baker St.
El Monte: Audio Supply Co., 2545 N. Troy Ave.
Fresno: Jack C. Arbuckle, 2330 Kern St.; Valley Sound, 130 Belmont Ave.
Hollywood: California Sound Products Co., 7264 Melrose Ave.; Otto K. Olesen Co., 1534 Cahuenga Blvd.
Long Beach: Trevarthen Electronics, 1651 Greenbrier Rd. (4)
Los Angeles: Valdaphone Co., 5104 Wilshire Blvd. (6); Henry Radio, 11240 N. Olympic Blvd. (25); Radio Specialties Co., 1956 Figueroa St.
San Bernardino: Lier Radio & Music, 452 E St.
Salinas: Wheeler Radio & TV, 313 Monterey St.
San Diego: Communications—Industrial & Home, 433 G St.
San Francisco: A. B. Loudermilk Co., 1539 Folsom St. (3)
Ventura: Louis A. Snow, 230 E. Main
Colorado Springs: George Doty, 432 S. Tejon St.; L. B. Walker, 324½ N. Tejon.
Denver: Denver Sound Specialist Inc., 605 14th St.; Wicht Radio & Sound, 433 E. 17th Ave.
Pueblo: L. B. Walker Radio Co., 218 W. 8th
Boise: R. B. Craddock Radio Supply, 1522 State St.
Bozeman: Communication Equipment, Box 225
Glasgow: Maytag Electric Co.
Great Falls: Radio Supply, Div. of C. Q. Radio, Box 1376
Kalispell: Dickenson's Music Shop, 217 Main St.; Hollingsworth Electric Co.
Winnemucca: Lawrence A. Ebert, P. O. Box 545
Albuquerque: K & B Radio & Appliance Co., 2624 E. Central; Senter Radio & TV Service, 1421 E. Central; Wolff's Recording Studio, 808 E. Coal; Momsen - Dunnegan & Ryan Co.
Gallup: Franklin Engineering Co., 115 W. Coal Ave.
Roswell: Electrical & Mechanical Supply Co., 709 N. Virginia; Supreme Radio Supply, 129 W. Second St.
Santa Fe: Electrical & Mechanical Supply Co., Room 8, Cornell Bldg.
Medford: Verl G. Walker Co., 205 W. Jackson St.
Portland: Oswego Radio & Record Shop, 8433 S.W. Terwilliger Blvd. (1)
Salem: Universal Sound Corp., 998 N. Capitol St.
Ogden: Ballard & Carter Co., 2428 Grant Ave.
Salt Lake City: Radio Service & Engineering Co., 430 S. State St.
Seattle: Signal Equipment Co., 2317 4th Ave.
Spokane: Northwest Electronics Inc., N. 102 Monroe St. (8)
Tacoma: Wible Radio Supply, 909 Tacoma Ave. (3)
Cheyenne: Houge Radio & Supply Co., 2008 Carey Ave.

**DULANE INC., 1900 River Road, River Grove, Ill.**
*(Fryryte, Coffyryte)*
**Service Stations:**
Long Beach: California Electric Service Inc., 1407 E. 4th St.
Los Angeles: California Electric Service Inc., 832 S. Alvarado St. (5)
Sacramento: Lamco Electric, 1415 21st St.
San Francisco: Will M. Aronson Co., 666 Howard St.
Denver: Western Appliance & Electric, 1159 Stout St.
Portland: Bee Electric Service, 28 N. W. 10th Ave.
Seattle: Appliance Parts & Service, 216 Stewart St.
Spokane: Appliance Parts & Service Co., 609 W. Trent St.

**DUOLECTRIC STEAM IRON**
(See Silex Co.)

**DURABILT APPL.** (See Winsted Hdwe. Mfg. Co.)

**DURO-TEST CORP., 444 Market St., San Francisco, Calif.**
*(Fluorescent fixtures and lamps)*
**Service Stations:**
Los Angeles: Room 500, 607 S. Hill St. (14)
Oakland: 1615 Broadway
San Diego: Room 722, Bank of America Bldg.
Denver: 965 Gas & Electric Bldg.
Billings: Suite 13, 107 N. 27th St.
Portland: 614 Medical Arts Bldg.
Salt Lake City: 212 Beason Bldg.
Seattle: 4107 Arcade Bldg.

**EASY WASHING MACHINE CORP., Syracuse 1, N. Y.**
Branch office: 1355 Market St.
San Francisco 3, Calif.
*(Easy Spindrier, Whirldry washers, Easy ironer and clothes dryer)*
**Distributors:**
Denver: Walter Slagle & Co., 725 Broadway
Spokane: Inland Empire Wholesalers, 110 S. Wall St.
Phoenix: Graybar Elec. Co., 434 W. Madison St.
Billings: Midland Dist. Co., P. O. Box 1154
Salt Lake City: ZCMI, 1665 Bennett Road
El Paso: Momsen - Dunnegan - Ryan Co., P. O. Box 240
Albuquerque: Momsen-Dunnegan-Ryan Co.
**Service Stations:**
Denver: Ray Jones Washing Machine Co., 376 S. Broadway
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Portland: W. L. May Co., 215 N. Park St.
San Francisco: Washing Machine Parts Co., 45 Rhode Island St.; Electrical Appl. Service Co., 1434 Howard St.
Berkeley: Home Appl. Service Co., 2318 Shattuck Ave.
Sacramento: Al Bedard's Parts Supply, 1626 N. C St.
Long Beach: Home Appliance Service Co., 2100 E. 4th St.
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd.; Washing Machine Parts Co., 1241 S. Hope St.

**EBCO MANUFACTURING CO., 401 W. Town St., Columbus, Ohio**
*(Oasis Air Drier)*
**Distributors:**
Bakersfield: Gough Industries, 3125 Jewett Ave.
Fresno: Dallman Co., 414 P St.
Long Beach: Allied Refrigeration, 1295 Gaviota Ave.; Gough Industries, 828 W. Anaheim
Los Angeles: Gough Industries, 827 E. 1st St.
Oakland: Dallman Co., 2103 E. 12th St.; Gilson Supply Co., 1148 E. 18th St.
Sacramento: Dallman Co., 6th & Q Sts.
San Francisco: Dallman Co., 685 7th St. (7)
Santa Barbara: Gough Industries, 404 State St.
Portland: Refrigeration & Power Specialties Co., 1134 S. E. Stark St.
Seattle: Refrigeration & Power Specialties Co., 353 Harrison St.; Refrigeration Engineering Co., 2120 Second Ave. (1)
Denver: McCombs Refrigeration Supply Co., 1524 15th St.
Phoenix: Gough Industries, 917 W. Madison St.; Al Jennings Co., 607 W. Washington St.
Tucson: Albert Steinfeld Co., 119 N. Stone Ave.
Albuquerque: McCombs Refrigeration Co., 322 N. 1st St.
Boise: Afton-Lemp Electric Co., 415 S. 9th St.
*(Oasis electric water cooler)*
**Distributors:**
Bakersfield: Gough Industries, 3125 Jewett Ave.
Los Angeles: Gough Industries, 827 E. First St.; United Commercial Sales Co., 233 W. 32nd St.
Long Beach: Allied Refrigeration, 1295 Gaviota Ave. (4); Gough Industries, 828 W. Anaheim
Sacramento: Dallman Co., 6th & Q Sts.
Oakland: Dallman Co., 2103 E. 12th St.; Gilson Supply Co., 1148 E. 18th St.
San Diego: Allied Refrigeration, 705 14th St.; Gough Industries, 3255 Fifth Ave.
San Francisco: Dallman Co., 687 7th St. (7)

Santa Barbara: Gough Industries, 404 State St.
Portland: Refrigeration & Power Specialties Co., 1134 S. E. Stark St.
Seattle: Refrigeration Engineering Co., 2120 2nd Ave. (1); Refrigeration & Power Specialites Co., 353 Harrison (9)
Billings: Midland Implement Co., 2303 Montana Ave.
Phoenix: Arizona Hdwe. Co., 1st & Jackson St.; Gough Industries, 917 W. Madison St.; Al Jennings Co., 607 W. Washington St.
Tucson: Albert Steinfeld Co., 119 N. Stone Ave.; Appliance Distributors, 204 S. Park Ave.
Denver: McCombs Refrigeration Supply Co., 1524 15th St.; Carson Hotel Supply Div., Carson Crockery Co., 1301 Wazee St.
Boise: Afton-Lemp Electric Co., 415 S. 9th St.
Albuquerque: Albuquerque Lumber Co., Wholesale Division; McCombs Refrigeration Co., 322 N. 1st St.
Fresno: Dallman Co., 414 P St.

EDISON GENERAL ELECTRIC APPL. CO. (See Hotpoint Co.)

EDWARDS CO. INC., Norwalk, Conn.
*(Adaptabel, Adaptahorn, Lokator paging system, Flush call line, Synchromatic clocks)*
**Edwards sales offices:**
Denver: Harry F. Ream, 1028 Champa St. (4)
Los Angeles: R. S. Edwards Jr., 2500 W. 6th St. (5)
San Francisco: R. L. Kempton, 617 7th St.
Seattle: F. A. Strohecker, 2207 First Ave. S. (4)
Spokane: Elmer Johnston, 209 Hyde Bldg.
Portland: D. A. King, 220 Regal Bldg., 1220 S.W. Stark St.

ELECTRESTEEM PRODUCTS (See Electric Steam Radiator Corp.)

ELECTRICAL APPLIANCE SERVICE CO., 4238 Broadway, Oakland, Calif.
*(Parts for little Giant Washers)*

ELECTRIC DEODORIZER CORP., 9993 Broadstreet, Detroit 4, Mich.
*(Electric deodorizer for homes and factories and "EDCO" delayed action light switches for home, farm and industry)*

ELECTRIC HEATER CO., Stratford, Conn.
*(Hubbell electric water heater)*
**Factory service only.**

ELECTRIC HOUSEHOLD UTILITIES CORP. (See Thor Corp.)

ELECTRIC SPRAYIT CO., Sheboygan, Wis.
*(Air compressors and paint spraying equip.)*
**Service:**
Seattle: Maxwell Tebb & Co., 8030 40th Ave., N.E.
Los Angeles: Lang Engineering Co., 1937 So. Hoover St.

ELECTRIC STEAM RADIATOR CORP., One Electric Ave., Paris, Ky.
*(Electresteem products)*
**Service:**
Seattle: Pacific Utilities, 125 N. 1st St. (9)
Tacoma: Ajax Electric Co., 747 Fawcett Ave. (3)
Portland: Bressie Electric Co., 909 S.W. 5th Ave.
Salt Lake City: Wolters Electric Co., 238 S. State St.
Los Angeles: Rose Lamp Shop, 644 N. La Brae
San Diego: Electric Appliance Service Corp., 302 17th St.

ELECTROCHEF RANGE (See Philco Corp.)

ELECTROLUX INC., 417 Montgomery, San Francisco, Calif.

ELECTROMASTER RANGE (See Philco Corp.)

ELECTROMODE CORP., 45 Crouch, Rochester 3, N. Y.
**Service Stations:**
San Francisco: The General Appliance Co., 369 Fell St.
Seattle: City Electric & Fixture Co., 2014 3rd Ave.
Spokane: Spokane Appliance Repair Co., S. 173 Wall St.
Portland: Electric Home Service Co., 1740 S.E. Hawthorne
Fresno: The Clock Shop, 1418 Fulton St.
Los Angeles: Utility Repair Shop, 1928 W. 7th St.
Sacramento: Lameo Electric, 1415 21st St.

ELECTRO TOOL CORP., 1718 Layard Ave., Racine, Wis.
*(Whisker Shavers and Cadet Hair Clipper)*
**Factory service only.**

ELECTRO-VOICE INC., Cecil & Carroll St., Buchanan, Mich.
**Factory agents:**
Los Angeles: Ealy & Hastings Sales Co., 11056 Cumpston, North Hollywood
San Francisco: Meyer & Ross Sales Co., 1355 Market St.
Denver: W. Clif McLoud & Co., 5528 E. Colfax Ave.
Seattle: Fred H. Haight Co., 2217 4th Ave.
E-V products sold through wholesale distributors.

ELK MANSTER, INC., 601 E. Crosier St., Akron 1, Ohio
**Distributors:**
Long Beach: Frank E. Brady, 5864 E. 2nd
Albuquerque, N. M.: L. H. Chant Electric Co., 712 W. Cooper
Yuma, Ariz.: Curley's Electric Service, 150 4th Ave.
Riverside: Norman T. Ehlers, 6426 Magnolia Ave.
Ingleside: Glen Johnson Electric Co., 106 E. Queen St.
Santa Ana: Lindsay Electric Co., 1425 S. Main St.
San Bernardino: E. L. McAdams Electric, 376 D St.
San Fernando: Ranion Electric, 1014 De Garno St.
San Fernando: Still Electric Shop, 237 S.
Pasadena: Sander's Electric Co., 576 S. Fair Oaks Ave.
Santa Monica: Sunbeam Electric Co., 719 Santa Monica Blvd.

ELKINS-EWALL CO., 525 W. Clearfield St., Philadelphia 33, Pa.

ELRAM LAMP WORKS, Hoboken, N. J.

EMERSON ELECTRIC MFG. CO., 8100 Florissant Ave., St. Louis 21 Mo.
*(Fans, heaters, motors)*
**Service Stations:**
Phoenix: Electric Rewinding Co., 334 W. Jefferson St.
Fresno: Electric Motor Shop, 253 Fulton St.
Los Angeles: The Hill Electric Co., 580 Mateo St.
Sacramento: Lam-Co Electric, 1415 21st St.
San Diego: California Electric Works, 424 8th Ave.
San Francisco: Weidenthal-Gosliner Electric Works, 353 10th St.
Stockton: Stanley Electric Motor Co., 1520 E. Miner Ave.
Denver: Baker Electric Co., 1842 Lawrence St.
Boise: Karre Appliance Repair Shop, 1511 State St.
Billings: Lockrem Electric Co., 1710 First Ave., N.
Albuquerque: A. J. Cone Electric Co., 506 Bridge St.
Eugene: C. & S. Electric, 1070 Willamette
Medford: Trowbridge & Flynn Electric Co., 214 W. Main St.
Portland: Standard Electric Motor Service, 835 S. E. Division St.
Salt Lake City: Utah Electric Motor Co., 538-540 S. State St.
Seattle: Fellstrom Electric Co., 2211 9th St.
Spokane: Nixon-Kimmel Elec. Machinery Co., 167 S. Wall St.
Tacoma: Paramount Electric Co., 311 Puyallup Ave.
Honolulu: The Hawaiian Electric Co. Ltd., 900 Richards St.

EMERSON RADIO & PHONOGRAPH CORP., 111 8th Ave., New York City 11, N. Y.
*(Radio and TV receivers)*

EMPIRE & EMPCO APPL. (See Metal Ware Corp.)

ERIA RADIOS (See Electrical Research Lab., Inc.)

ESTATE STOVE CO. (See RCA Estate Appliance Corp.)

EUREKA WILLIAMS CORP., Bloomington, Ill.
*(Vacuum Cleaner Division)*
(See also Williams Oil-O-Matic Division.)
**Distributors:**
Los Angeles: Horn & Cox, 915 Mateo
San Francisco: W. J. Lancaster, 1045 Bryant St.
Phoenix: Calif. Elec. Service Inc., 832 S. Alvarado St., Los Angeles
Salt Lake City: A. E. Carter Co., 177 E. Broadway
Billings: Taylor Distributing Co., 4148 First Ave., S.
Seattle: Zerega Dist. Co., 515 Westlake North
Spokane: The Eureka Agency, 2228 N. Division St.
Portland: N. Schneider Co., Suite 112, 1009 S.W. Fifth Ave.
Denver: Boyd Dist. Co., 20 W. 13th Ave.
Albuquerque: Boyd Dist. Co., N. M. Branch, 708 First St., N.W.
El Paso: Gorman Eng. Co. Inc., 1701 Texas St.

EVERHOT ELECTRIC APPLIANCES (See Manning Bowman Division)

FAIRBANKS, MORSE & CO., 600 S. Michigan Ave., Chicago 5, Ill.
*(Fairbanks, Morse water systems, washers and ironers)*
Minor repairs by dealers in field; major repairs should be referred to branch offices:
Portland: 105 S.E. Taylor St. (14) (Ore., Wash., part Ida. and Mont.)
San Francisco: 630 3rd St. (7) (Part Calif., Ida., Nev., Wyo., all Utah & Hawaiian Is.)
Los Angeles: 4535 S. Soto St. (58) (Part Calif. & Nev., all Ariz.)
Dallas: 1713 N. Market St. (2) (Part N. Mex.)
Kansas City: 1300 Liberty St. (7) (All Colo., part N. Mex.)

FARADAY ELECTRIC CORP., (See Sperti Faraday Inc.)

FARIES DIVISION, General Lamps Mfg. Corp., Elwood, Ind.
*(Portable Lamps)*
**Factory service only.**

FASCO INDUSTRIES INC., N. Union at Augusta, Rochester 2, N.Y.
*(Fasco desk, pedestal and exhaust fans; floor circulators; wall and ceiling ventilators, Sparton desk and pedestal fans)*
**Service Stations:**
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd.
San Francisco: Will M. Aronson Co., 666 Howard St.
Portland: Bressie Electric Co., 909 S. W. 5th Ave.
Dallas: Appliance Service & Supply Co., 2019 Cedar Springs (1) (For New Mexico)

FAULTLESS, Holland-Rieger, subsidiary of Apex Rotarex Corp. (See Apex.)

FILTER QUEEN (See Health-Mor Inc.)

FILTEX CORP., 421-23 E. 15th St., Los Angeles 15, Calif.
*(Hygienic Filtex cylinder type vacuum cleaner)*
**Distributors:**
Chico: Filtex Sales & Service, 1421 Park Ave.
Los Angeles: Filtex Sales & Service, 5911 Ebey (42)
Oakland: The Filtex Store, 9328 E. 14th St.
Redwood City: Filtex Peninsula Sales, 316 Arguello St.
San Bernardino: Filtex Vacuum Cleaner Sales & Service, 2221 Harrison St.
San Diego: Filtex Dist. Co., 3036 30th St.
San Francisco: Filtex Sales & Service, 4000 Mission St. (12)
Ukiah: Filtex Sales & Service, 709 W. Mill St.
Van Nuys: Filtex Vacuum Cleaner Co., 5244 Van Nuys Blvd.
Seattle: Filtex Sales & Service, 1215 2nd St.
Yakima: Filtex Sales & Service, 408 S. 8th Ave.
Twin Falls: Filtex Sales & Service, 327 Main St.
Butte: F. J. Becky, 14 N. Dakota
Eugene: Filtex Sales & Service, 2244 Jefferson
McMinnville: Filtex Sales & Service, 3rd & Baker
Oregon City: Filtex Sales & Service, 506 7th St.
Salt Lake City: Filtex Co. of Utah, 68 S. 2nd W.
Phoenix: Hamilton Filtex Sales & Service, 108 E. Pierce St.
Prescott: Filtex Sales & Service, 140 N. Cortez
Albuquerque: Filtex of New Mexico, 815 E. Coal
Wailuku: Maui Venetian Blind Co., 1354 Main St.

FINDERS MFG. CO., 3669 S. Michigan Ave., Chicago 15, Ill.
*(Hollywood electric housewares)*
**Service Stations:**
Phoenix: Appliance Service Co., 1161 E. Polk St.
Fresno: L. F. Ballmer Co., 2430 Stanislaus
Long Beach: California Electric Service Inc., 1407 E. 4th St.
Los Angeles: California Electric Service Inc., 832 S. Alvarado St. (5); J & S Co., 4356 W. 3rd St. (5)
Oakland: The P. & D. Appliance, 174 12th St.
San Francisco: H. C. Johnson, 443 Valencia St.; The P & D Appliance, 1414 34th Ave.
Sacramento: Remington Electric Service, 2320 21st St.
Denver: Western Appliance & Electric, 1159 Stout St.
Portland: Bressie Electric Co., 909 S. W. 5th Ave. (4)
Salt Lake City: Appliance Service Center, 57 Richard St. (1)
Seattle: A. Appliance Co., 610 E. Pine St. (22)

FLOOROLA PRODUCTS INC., Tioga St. at Roosevelt Ave., York, Pa.
*(Floorola floor waxer & polisher)*
**Distributors:**
Los Angeles: Floor Machine Co., 1735 Venice Blvd. (6)
El Paso: Elec. & Mech. Supply Co.
**Major repairs:**
**Send to factory.**

FLORENCE STOVE CO., 205 School St., Gardner, Mass.
*(Florence electric range—equipped with Chromalox units)*
**For Chromalox units see Edw. L. Wiegand Co.**
**Factory only for other service.**

FOWLER MFG. CO., 2545 S.E. Gladstone St., Portland 2, Ore.
**Distributors:**
Portland: Fowler Distributing Co., 4101 S. E. 26th (2)
Seattle: F. B. Connelly Co., 1015 Republican St.; Schwabacher Hdwe. Co., 401 First Ave. South
Spokane: Inland Empire Wholesalers, 110 S. Wall St.
Billings: Midland Distributing Co., 2316 First Ave. North
Salt Lake City: Flint Distributing Co., 316 W. Second South St.
Denver: Crane-O'Fallon Co., 1631 15th St. (17); The Parker Co., 4655 Colorado Blvd. (16)

Phoenix: Electrical Equipment Co. of Arizona, First Ave. at Madison
San Diego: San Diego Pipe & Supply Co., 3837 43rd St.
San Francisco: Kaemper & Barrett, 1195 Harrison St.; Crane Co., 301 Brannan St. (19)

FRANTZ MFG. CO., THE, 1200 Camden Ave. S. W., Canton, Ohio
*(Boss, Laundry Queen and Young washers)*
**Distributors:**
Long Beach: Home Service Co., 2100 E. 4th St. (14)
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd.; Washing Machine Parts Co., 1241 S. Hope St.
Oakland: Electrical Appliance Co., 4238 Broadway
Sacramento: Al Bedard's Parts Supply, 1626 N. C St. (14)
San Diego: Electrical Appl. Service Corp., 302 17th St.
San Francisco: Electrical Appl. Service Corp., 1434 Howard St.; Washing Machine Parts Co., 45 Rhode Island Ave.
Denver: Ray Jones Washing Machine Parts, 876 Broadway (9); Niles Washing Machine Supply Co., 509 14th St. (2)
Pueblo: Ingle Washing Machine Co., 417 N. Santa Fe
Boise: Karre Appl. Repair, 1511 State St.
Roswell: Papworth Washing Machine Parts, 1800 N. Lea
Eugene: Washing Machine Service Co., 630 Willamette St.
Klamath Falls: Merit Washing Machine Service, 611 S. 6th St.
Portland: Division Appl. Service Co., 2421 S. E. 39th Ave.; W. L. May Co., 215 N. W. Park Ave. (9)
Salt Lake City: A-1 Master Electric Co., 230 E. 5th St.
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave.; Spokane Washer Co., 203 W. Main St.
Honolulu: Washing Machine Supplies Co., 1253 S. King St.

FREE SEWING MACHINE CO., Rockford, Ill.
*(Free - Westinghouse and New Home)*
**Free-Westinghouse—All Westinghouse Supply Co. branches and:**
Denver: Savage & Son, 200 Wazee
El Paso: Zork Hardware Co.
San Diego: Electrical Supplies Distri. Co., 435 Second Ave.
**New Home distributors:**
Los Angeles: Horn & Cox Inc., 915 Mateo St.
San Francisco: Thompson-Diggs, 1353 Market St.
Phoenix: Black & Ryan, P. O. Box 2234
Denver: McCollum-Law Corp., E. 48th Ave. at Colorado Blvd.
Salt Lake City: Kimball Distributing Co., 115 S.W. Temple St.
Billings: Taylor Distributing Co., 2716 Montana Ave.
Spokane: Harper-Meggee Inc., N. 734 Division
Seattle: Harper-Meggee Inc., Republican & Terry St.
Portland: Harper-Meggee Inc., N. W. 15th & Irving

FRESH-ND AIRE CO., Division of Cory Corp., 221 No. La Salle St., Chicago 1, Ill.
*(Fans, air circulators and heater fans)*

FRIGIDAIRE DIVISION, General Motors Corp., 300 Taylor St., Dayton 1, Ohio
*(Frigidaire home appliances, com'l refrigeration, air conditioners)*
**Pacific Region:**
Frigidaire Division, General Motors Corp., 1355 Market St., San Francisco, Calif.
**Frigidaire Sales Corp. offices:**
Oakland: 1250 53d St. (8)
Los Angeles: 3251 Leonis Blvd. (58)
Denver: 215 Wazee Market (4)
**Distributors:**
Seattle: Sunset Elec. Co., P. O. Box 3148 (14)
Spokane: Sunset Electric Co., N. 703 Division St. (11)
Portland: Sunset Elec. Co., 1035 N. W. 14th Ave. (9)
Salt Lake City: W. H. Bintz Co., P. O. Box 1350 (11)
**Service stations:**
Denver: Snodgrass & Smith Co., 1941 Market St. (2)
Oakland: Shirar Young Co., 3080 Broadway
San Francisco: Shirar-Young Co., 1450 Van Ness
Los Angeles: Service rendered by dealers
Portland: Sunset Electric Co., 1035 N. W. 14th Ave. (9)
Spokane: Service rendered by dealers.
Salt Lake City: Service rendered by dealers.

G-M LABORATORIES INC., 4300 N. Knox Ave., Chicago 41, Ill.
*(Surf Electric floor polishers, fans and heaters)*

GEM DANDY ELECTRIC CHURN —BUTTER
(See Alabama Mfg. Co.)

GENERAL CONSTRUCTION CORP., St. Petersburg 3, Florida
*(Icette)*
**Service parts handled direct from plant.**

GENERAL DEVICES CO., P. O. Box 635, Springdale, Conn. Parts and repair service for Hanley Shavers and Clipshaves.
**Factory service.**

GENERAL ELECTRIC CO., Major Appliance Division, 310 W. Liberty St., Louisville, Ky.
*(GE appliances)*
*(Household refrigerators, food freezers, ranges, water heaters, home laundry equipment, dishwashers, disposalls)*
**Service distributors:**
Phoenix: Roy A. Hill, Arizona Wholesale Supply Co., 505 W. Madison St.
Emeryville: J. E. Gannon, GE Supply Co., 5400 Hollis St.
Fresno: J. F. Coyle, Valley Electrical Supply Co., 3306 E. Tulare St.
Los Angeles: W. K White, GE Appliances Co., 150 W. Jefferson Blvd.
Sacramento: C. C. Ledin, GE Supply Co., 1131 S St.
San Diego: Hal Graham, GE Appliances Co., 1764 Kettner Blvd.
Boise: F. E. Isbell, GE Supply Co. 618 S. 8th St.
Butte: Ray Vigus, GE Supply Co., 900 E. Front St.
Portland: R. C Senn, GE Supply Co., 1740 N. W. Glisan St.
Salt Lake City: H. W. Christensen, GE Supply Co., 141 S. 3rd, W.
Seattle: R. T. Maples, GE Supply Co., 1212 First Ave., S.
Spokane: R. E. Anderson, GE Supply Co., S. 122 Monroe St.
Honolulu: W. E. Bougher, W. A. Ramsay Co., Kapiolani & South St.

GENERAL ELECTRIC CO., Small Appliance Division, 1285 Boston Ave., Bridgeport 2, Conn.
*(GE Appliances)*
*(Automatic blankets, clocks, electric housewares, fans, vacuum cleaners)*
**Service Stations:**
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.
Fresno: L. F. Balmer, 2430 Stanislaus
Long Beach: *Calif. Elec. Service Inc., 1407 E. 4th St.
Los Angeles: G. E Appliance Service Center, 1233 S. Hope St.; *Calif. Elec. Service Inc., 832 S. Alvarado
Sacramento: Lam-Co Electric, 1415 21st St.
San Diego: J. F. Zwiener Elec. Co., 1242 First Ave.
San Francisco: *Calif. Elec. Service Inc., 168 First Ave.; G. E. Appliance Service Center, 560 Mission St.
Portland: Bressie Elec. Co., 909 S. W. 5th Ave.
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: G. E. Appliance Service Center, 401 Westlake Ave., N.
*Parts Distributor Only.
**Clocks:**
Seattle: Clock Shop, 325 Joshua Green Bldg.
Spokane: Harry's Elec. Clock Hospital, 175 So. Post St.
San Francisco: California Elec. Service Station, 168 1st St.
Los Angeles: California Elec. Service, 832 So. Alvarado St.
San Diego: J. F. Zwiener Elec. Co., 1242 1st Ave.
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.; Smith's Clock Shop, 1512 N. 7th Ave.
Sacramento: Lam-Co. Elec. Co., 1415 21st St.
Salt Lake City: Time & Instrument Co., 57 Richards St.
Fresno: The Clock Shop, 1418 Fulton
Glendale: Glendale Time Shop, 500 No. Brand Blvd.
Long Beach: Calif. Elec. Service Inc., 1407 E. 4th St.
Oakland: The Clock Shop, 144 E. 14th St.
Riverside: Brumgardt's Clock Shop, 3795 Orange St.
San Jose: D. & S. Repair Service, 310 W. Santa Clara St.
Santa Barbara: Mel Time Repairs, 20 W. Carrillo St.
Santa Rosa: Lueger's Old Clock Shop, 402 4th St.
Billings: Billings Elec. Supply Co., 208 N. 29th St.
Butte: Radio Eng. & Service, 219 W. Park St.
Portland: Morrison Elec. Co., 1206 S.W. Washington; Alder Street Clock Shop, 251 S.W. Alder St.
**Automatic blankets**
Phoenix: Arizona Wholesale Supply Co., Inc., 505 W. Madison St.; GE Supply Corp., 441 W. Madison St.
Bakersfield: Gough Industries, Inc., 3125 Jewett Ave.; G. E. Supply Corp., 1134 33rd St.
Emeryville: GE Supply Corp., 53rd & Hollis St.
Fresno: GE Supply Corp., 1234 O St.; Valley Elec. Supply Co., 3306 E. Tulare St.
Long Beach: Gough Industries, Inc., 828 W. Anaheim St.
Los Angeles: G.E. Supply Corp., 700 Turner St., Gough Industries, Inc., 819 E. 1st St.
Sacramento: GE Supply Corp., 1131 S St.
San Diego: GE Supply Corp., 668 3rd Ave.; Gough Industries, Inc., 2255 5th Ave.
San Francisco: G.E. Supply Corp., 1201 Bryant St.
Santa Barbara: Gough Industries, Inc., 404 State St.
Denver: GE Supply Corp., 1429 18th St., B. K. Sweeney Co., 1601 23rd St.
Boise: GE Supply Corp., 618 S. 8th St.
Billings: GE Supply Corp., 2710 Montana Ave.
Butte: GE Supply Corp., 900 E. Front St.
Albuquerque: G.E. Supply Corp., 820 N. First St.
Portland: GE Supply Corp., 300 N.W. 14th St.; F. B. Connelly Co. of Oregon, 905 N.W. 12th Ave.
Salt Lake City: GE Supply Corp., 310 W 2d St.; Zion's Cooperative Merc. Institution, 1665 Bennett Road.
Seattle: G.E. Supply Corp., 1212 1st Ave. S.; F. B. Connelly Co., 1015 Republican St.
Spokane: GE Supply Corp., S. 122 Monroe St.
Tacoma: GE Supply Corp., 2316 S. A St.

**Radio and Television**
**Serviced by GE Supply Corp.**

GENERAL MILLS INC., Home Appliance Department, 1620 Central Ave., Minneapolis 13, Minn.
*(Tru-heat automatic iron, steam ironing attachment, double automatic toaster)*
**Service Stations:**
Colorado Springs: Modern Service Co., 10 E. Colorado Ave.
Greeley: Herdman Elec. Co., 809 10th St.
Butte: Radio Engineering & Service Inc., 219 W. Park St.
Denver: Western Repair & Electric Co., 1203 California St.; Midwest Elec. Service Co., 1124-26 Santa Fe Drive
Salt Lake City: Appliance Service Center Inc., 57 Richards St.
Seattle: Howell Electric, 522 Union
Spokane: Appliance Parts & Service Co., W. 609 Trent Ave.
Pasco: Electric Appliance Co., 124 N. 4th St.
Tacoma: Ajax Electric Co., 747 Fawcett St.
Portland: Bressie Electric Co., 909 S. W. 5th St.
Bakersfield: Urner's Appliance Center *12 21st St.
Fresno: Leonard F. Ballmer, 2430 Stanislaus
Long Beach: Dean & Hoffman, 221 American Ave.
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd.
Oakland: Paul Morrison Co., 201 12th St.
San Diego: J. F. Zwiener Electrical Co., 1242 First Ave.
Stockton: The Electric Shop, 41 N. American St.
Ventura: Louis A. Snow, 230 E. Main St.
Boise: Boise Cyclery, 208 N. 9th St.
Pocatello: Charles A. Wrenn, 1124 E Sublette
Reno: Moltzen & Fitch, 275 S. Virginia
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.
Tucson: Grabe Electric Co., 26 E. Congress St.
Billings: Curley-Naylor Electric Co., 215 N. Broadway
Albuquerque: ABC Radio Service, 512 N. 4th St.
San Francisco: Will M. Aronson Co., 666 Howard St.
Sacramento: Lamco Electric, 1415 21st St.
El Paso: Wayne M. Tinkler Co., 2731 E. Yandell

GENERAL MOTORS CORP. (See Frigidaire Div., and Delco Appl. Div.)

GENERAL WATER HEATER CORP., 240 N. Front St., Burbank, Calif.

GENNETT & SONS, 1 Main St., Richmond, Ind.
*(Gennett Refrigerators)*
**Factory service only.**

GIBSON REFRIGERATOR CO., 515 W. Williams St., Greenville, Mich.
*(Gibson refrigerators, ranges, food freezers and air conditioners)*
Fresno: Kierulff & Co., 725 L St.
Long Beach: Graybar Elec. Co., 1700 Daisy Ave. (13)
San Francisco: J. J. Lukanish Co., Western Mdse. Mart, 1355 Market (3)
Los Angeles: Graybar Elec. Co. Inc., 210 Anderson St. (54)
San Diego: Graybar Elec. Co. Inc., 720 State St.
Portland: Elec. Dist. Inc., 140 N. W. 14th St. (9)
Seattle: Seattle Hdwe. Co., 501 1st Ave. S., Box 3208 (14)
Spokane: Prudential Distributors Inc., So. 151 Stevens St. (8)
Billings: Billings Hdwe. Co., Box 2090, 2702 Montana Ave.
Salt Lake City: The Kimball Co., 115 S. W. Temple
Phoenix: Graybar Elec. Co. Inc., 434 W. Madison St. (2)
El Paso: Appliance Distributors, 1409 Texas St.
Denver: Austin & Son, 1123 Wazee St.

GILBERT CO., A. C., New Haven 6, Conn.
*(Gilbert toys, Gilbert and Polar Cub electrical products)*
**Service Stations:**
Portland: Morrison Elec. Service, 1236 S. W. Washington at 13th. (trains, fans and appliances);

Flegel Train Repair, 3964 N. Interstate (trains)
Long Beach: Rays Hobby Model Supplies, 1222 American Ave. (3)
Oakland: Ralph Sagers, American Flyer Service, 1505 Washington St. (trains, fans and appliances); Toys for Men, 3669 Grand Ave. (trains)
Pasadena: Garstang's Model Hobby Shop, 87 E. Colorado St. (1) (trains)
San Diego: Glenn's Train Hobby, 1125 C St. (2) (trains); J. F. Zwiener Electrical Co., 1242 First Ave. (fans and appliances)
Seattle: Model Engineering; 9524 Roosevelt Way (trains); Hooper Electric Co., 222 Marion St. (trains, fans and appliances)

**GILL ELEC. MFG. CORP., 624 W. Citrus Ave., Redlands, Calif.**

GIVEN MFG. CO., 3301 Fruitland Ave., Los Angeles 58, Calif.
*(Waste King Pulverator)*
**Service Stations:**
Phoenix: Dietrich Appl. Service, 347 E. Camelback
Sacramento: Lamco Electric, 1415 21st St. (14)
San Diego: Nutter Appliance Service, 5759 Market St.
San Francisco: Given Mfg. Co., 1401 Third St.
Colorado Springs: Able's Service and Repair Shop, 17 S. Cascade Ave.
Denver: E & B Sales and Service Inc., 3516 E. Colfax
Pueblo: Rheuff Electric Co., 401 N. Santa Fe Ave.
Albuquerque: Bill Jones Washing Machine Service, 4201 Lunada Ave.
Portland: Bee Elec. Service, 28 N.W. 10th Ave.
Salt Lake City: Enos Elec. Co., 1173 S. Second, W.
Seattle: Appliance Service Station, 1220 Westlake Ave., N (9)
Casper: Washing Machine Service, 738 W. 9th St.

**GLOLOG and/or ELECTRIC LOG (See Strait & Richards Inc.)**

**GOODRICH MFG. CO., P. O. Box 267, So. San Francisco, Calif.**

**GRIFFIN LAMP CO., 3rd and Sycamore Sts., Hamilton, Ohio. (Warehouse)**
Los Angeles: 736 E. Washington Blvd. (21)

GRISWOLD MFG. CO., Erie, Pa.
*(Griswold com'l cooking equipment & utensils)*
**Write to factory for advice.**
**Representatives:**
**Los Angeles: W. F. Smith, 6356 Drexel Ave (36)**
**Denver: George R. Woodward, 1863 Wazee St. (2)**

HALLICRAFTERS CO., THE, 4401 W. Fifth Ave., Chicago 24, Ill.
*(Radio & Television)*
**Service Stations:**
Coolidge: Johnny's Radio & TV Service, 337 W. Coolidge Ave.
Phoenix: Arizona Mobile Radio & TV, 7th St. & Sheridan Ave.
Baldwin Park: Frank Burgess TV Service, 14429 E. Ramona Blvd.
Bell: Reeder Radio & Television, 6233 Atlantic Ave.
Bryn Mawr: General Mills.
Carlsbad: Al's Radio & Television Sales & Service, 2981 State St.
Compton: Al-Ray Television Service, 1514 E. Olive; F. M. Radio Service, 833 W. Compton Blvd.
Downey: Holly Radio Co., 11917 Paramount.
Eagle Rock (Glendale): Custom TV Service Inc., 2736 Colorado Blvd.
Elcajon: Milligan Electric, 517 Elcajon Blvd.
East Los Angeles: East L. A. Television Service Co., 646 S. Atlantic Ave.
Fullerton: Launer Radio, 114 N. Malden.
Hollywood: Hollywood Electronics, 7460 Melrose Ave.; Television Maintenance Inc., 738 N. La Brea Ave.
Inglewood: Phillips Appliance Service, 1131 N. La Brea Ave.
Long Beach: Allied Electronic Co., 1411 Magnolia Ave.; Brownie's Home Service, 1731-33 W. Willard.
Los Angeles: California Television Service, 2829 W. Olympic; Standard TV & Radio Service, 3733 E. Olympic; Television Craftsmen, 451 N. Western Ave.; George F. Yorke TV Service, 3856 W. Slauson Ave.
Lynwood: City-Wide Radio Co., 3354 Imperial Highway.
Maywood: Pierce L. Tisset, c/o Huntington House, 5604 S. Atlantic.
Mentone (Redlands); Mentone Radio & TV Service, 1356 Beryl Ave.
National City: Southwest Television Labs, 730 Roosevelt Ave.
North Hollywood: Lewis R. Brothers, 10444 Magnolia Blvd.
North Long Beach: Advanced Television Sales & Service, 503 South St.
Ontario: Dean's Radio & TV Service, 1060 E. 4th St.; Ontario TV Center, 814 S. Caldwell.
Pasadena: Arrow Television, 460 N. Los Robles; Television Antenna Engineers, 252 N. Allen.
Pomona: Valley Radio Co., 352 N. Park.
Riverside: Associated TV Service, 3305 7th St.
San Bernardino: B-L-M Electric Co., 813 D St.; Clark's Radio-TV, 840 E. Baseline; Wagoner's Radio & TV Service, 108 E St.
San Diego: Associated Television Co., 1022 W. Juniper St.
San Fernando: Gorin Radio & Television, 547 N. Maclay; Tele-Care, 1021½ San Fernando Road.
San Francisco: Crocker-Johnson Co., 460 Townsend St.; L. J. B. Television Radio Service, 593 Guerrero St.
Santa Ana: Radio & TV Service Center, 514 N. Ross.
Santa Barbara: American Radio, 733 Chapala St.
South Gate: Atlantic & Tweedy TV Service, 9838 Atlantic Ave.
Stockton: Valley Transformer Service, 3146 E. Fremont St.
Ventura: Sager Radio, 1803 E. Main St.
Denver: Colorado Sound & Electronic, 170 S. Broadway.
Albuquerque: A.B.C. Radio, 512 N. 4th St.; Al Sarter Radio Service, 1421 E. Central St.
Portland: Radio Specialty Mfg. Co., 2023 S. E. 6th Ave.
Midvale: East Midvale Electronic Co., 38 W. 7500 S St.
Provo: Ralph's Radio & Television Co., 65 N. University Ave.
Salt Lake City: Air Wave Radio Co., 338 W. First St., S.; Herb's Television Service, 2270 E. 3rd St., S.; Morgan & Son, 37 Kelsey Ave.
Tooele: Radio Electric & Hardware Co., 14 N. Main.
Seattle: Electronic Supply Corp., 5601 California; Marina Mart Inc., 1500 Westlake Ave.; John K. O'Neil Inc., 409 Newton St.; Television Service Specialists, 2010 Westlake Ave.
Spokane: Bonnie Radio & Television Co., 1413 3rd Ave.
Tacoma: Paine Radio Service, 4001 S. Tacoma Way.
*(Communication equipment)*
**Service Stations:**
Phoenix: Phil's Radio Service, 316 E. Dunlap; Arizona Mobile Radio & TV, 7th St. & Sheridan Ave.
Tucson: Elliott Electronics Inc., 418 N. 4th Ave.
Hollywood: Hollywood Electronics, 7460 Melrose Ave.
Long Beach: Reliable Radio Service Co., 202 E. 4th St.; Arthur M. Slocum, 151 W. 67th Way.
Los Angeles: Henry Radio Shop, 11240 W. Olympic Blvd.
National City: Southwest Television Labs, 730 Roosevelt Ave.
North Hollywood: Lewis R. Brothers Co., 10444 Magnolia Blvd.
North Long Beach: Advanced Television Sales & Service, 503 South St.
Oakland: A.B.C. Television & Electronics, 1312 E. 38th St.
San Diego: Eminger's Marine Radio, 2810 Carleton St.; Pacific Electronics, 2355 India St.; Associated Television Co., 1002 W. Juniper St.; Electronic Eng. Co., 614 G St.
San Francisco: Crocker-Johnson Co., 460 Townsend St.; West Coast Radio & Electronics, 419 Market St.
Denver: Colorado Sound & Electronic, 170 S. Broadway.
Albuquerque: Crown Engineering, 3821 N. Broadway; Senter Radio & Television, 1421 E. Central Ave.
Portland: Radio Specialty Mfg. Co., 2023 S. E. 6th Ave.
Orem: L. A. Killpack Jr., 515 Beverly Ave.
Midvale: East Midvale Electronics Co., 38 W. 7500 S St.
Salt Lake City: Morgan & Son, 37 Kelsay Ave.
Seattle: Electronic Supply Corp., 5601 California; FM Radio Engineering Co., 2301 5th Ave., Marina Mart Inc., 1500 Westlake Ave.
Spokane: Harold Huges Radio, 107 S. Monroe St.; Modern Radio & TV Service, 1803 N. Monroe.
Vancouver: Art Whitaker, Pearson Airpark, P.O. Box 1811, Portland, Ore.

HAMILTON BEACH CO., Div. of Scovill Mfg. Co., Racine, Wis.
*(Hamilton Beach home appliances and soda fountain line)*
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.
**Spokane: Appliance Parts & Service, 609 W. Trent Ave.**
Portland: Morrison Elec. Service, 1206 S.W. Washington (5)
Sacramento: Lam/Co Electric, 1415 21st St. (14)
San Francisco: Will M. Aronson Co., 666 Howard St.
Long Beach: Gulbransen Appliance Service, 340 E. 4th St.
**Los Angeles: Elec. Lighting Supply Co., 216 W. Third St. (13).**
San Diego: J. F. Zweiner Elec'l. Co., 1242 1st Ave.
Denver: Midwest Elec. Service Co., 1124-26 Santa Fe Drive
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: Appliance Parts & Service Co., 214-16 Stewart St.
El Paso: Wayne M. Tinkler & Co., Ltd., 813 Cedar St. at Five Points

HAMILTON MANUFACTURING CO., Two Rivers, Wis.
*(Hamilton automatic clothes dryer—electric or gas)*
**Distributors:**
Los Angeles: Gordon E. Wilkins-Ironers Inc., 121 S. Alameda St.
Oakland: Gordon E. Wilkins—Ironers Inc., 3100 Telegraph Ave.
**Portland: F. B. Connelly Co. of Oregon, 905 N.W. 12th Ave. (9)**
Salt Lake City: Deseret Appl. Dist. Inc., 144 So. 5th St. West St.
**Seattle: F. B. Connelly Co., 1015 Republican St. (9)**
**Spokane: Columbia Elec. & Mfg. Co., S. 123 Wall (8)**
**Phoenix: Gordon E. Wilkins—Ironers, 246 So. First St.**
Denver: Allied Appliances, 26 Wazee Market
Billings: Midland Implement Co.

HANKSCRAFT CO., Reedsburg, Wis.
**Agents:**
**San Francisco: Erlach - Lee Co., 1355 Market St.**
**Dallas: Clancey Sales Organization, St. Paul & Young Sts.**
**Factory repair service**

HANDYBREEZE FANS (See Chicago Electric Mfg. Co.)

**HANDYHOT APPLIANCES (See Chicago Electric Mfg. Co.)**

**HANOVIA CHEM. & MFG. CO., 5303 Adeline St., Oakland, Calif.**

HARDERFREEZ Division (See Tyler Fixture Corp.)

HARTFORD ELEMENT CO. INC., 272 Windsor St., Hartford 5, Conn.
*(Jiffy and Hartford—Electrical repair and replacement elements for electrical appliances; ranges and water heaters)*
Sales Agent: L. E. Whelan Co., P.O. Box 752, Hartford, Conn.
**Distributors:**
Los Angeles: Andrews Hardware & Metal Co., 334 S. Main St.; Brown Wholesale Electric Co., 634 San Julian St. (14); California Electric Service Station, 832 S. Alvardo St.
Portland: Eoff Electric Co., 509 N.W. 10th Ave.
Salem: Eoff Electric Co., 156 N. Front St.
Klamath Falls: Merit Service Supply, 611 S. 6th St.
Spokane: Tubbs Electric Co., S. 165 Post St. (7)
Walla Walla: Electric Supply & Fixture Co.
Seattle: Peerless Electric Co., 509 Westlake Ave. (9)
Boise: Merit Service Supply, 105 S. 15th St.; General Electric Supply Co., 618 S. 8th St.
Salt Lake City: Felt Electric Supply Co., 46 E. First St.; General Electric Supply Corp., 312 W. 2nd South St.
Tucson: Highland Sales, 1529 E. North St.; Tucson Electric Supply Co., 523 E. 10th St.
Denver: Fistella, 1065 Broadway
Billings: Montana Electric Supply, P.O. Box 1323

HEALTH-MOR INC., 203 N. Wabash Ave., Chicago, Ill.
*(Filter Queen)*
**Service Stations:**
**Filter Queen Co.'s:**
Phoenix: 1746 W. Van Buren
San Francisco: 1116-1120 Irving St.
Los Angeles: 4913 W. Jefferson Blvd.
Tulare: 735 W. Tulare St.
Boise: Box 554
**Pocatello: 1300 Yellowstone**
Denver: 3215 Zuni St.
San Diego: 1810 W. Washington
San Mateo: 12 41st St.
Santa Clara: 1039 Franklin
Stockton: 1321 E. Harding Way
Susanville: 1211 Hood St.
Albuquerque: 811 N. 2nd
Portland: 126-32 N.E. Broadway
Seattle: 8947 Aurora St.
Spokane: 1225 N. Division St.
Tacoma: 1282 Huson Drive
El Paso: 502 E. Yandell Blvd.
Salt Lake City: 2011½ S. 11th St.
Ogden: 3920 Raymond Ave.
Provo: 345 E. Center St.
Honolulu: 1505 Papiolani Blvd.; 91 S. King St.

HEETAIRE ELEC. HEATERS (See Markel Elec. Prod. Co.)

**HERCULES STEEL PRODUCTS CORP. (See Star Mfg. Co.)**

**HEXACON ELEC. CO., 161 W. Clay Ave., Roselle Park, N. J.**
**Representatives:**
**San Francisco: Omer Cox Co., Rialto Bldg., Room 213, 116 New Montgomery St. (5) (serves northern California)**
**Seattle: A. S. Knight Co., 3010 Western Avenue (1) (Serves Ore., Wash., Idaho, Mont.) (Utah, Nev., Colo., Wyo. served by factory)**
Los Angeles: J. E. Shull, 3601 Whittier Blvd. (13) (serves southern California, New Mexico and Arizona)

**HILL-SHAW CO., 311 N. Desplaines St., Chicago, Ill.**
*(Vaculator coffee equipment)*
**Service Stations:**
Los Angeles: Sterling Restaurant Equipment Service, 927 S. Grand Ave.

San Francisco: Coffee Equipment Service, 282 6th St.
Denver: Midwest Electric Service Co., 1124 Santa Fe Drive
Portland: Morrison Electric Co., 1206 S.W. Washington
Spokane: Appliance Parts & Serv. Co., 609 W. Trent
Seattle: Appliance Parts & Service Co., 216 Stewart St.

HOBART MFG. CO., Penn. Ave. and Simpson St., Troy, Ohio. (See also KitchenAid Electric Housewares Div. and KitchenAid Home Dishwasher Div.)

HOFFMAN RADIO CORP., 6200 S. Avalon Blvd., Los Angeles 3, Calif.
*(Hoffman Easy-Vision television)*
**Distributors:**
Denver: Robert F. Clark Co., 70 Rio Grande Blvd.
Fresno: Kinney & Faust, 1740 Van Ness Ave.
Phoenix: Black & Ryan, 630 W. Washington St.
Salt Lake City: Graybar Electric Co., 336 N. 3rd West St.
Seattle: Love Electric Co., 318 Westlake Ave. North (9)
Spokane: Prudential Distributors, S. 151 Stevens St.
Sacramento: E. M. Kemp Co., 1115 R St. (14)
San Diego: San Diego Appliance Dist., 446 W. Beech St.
San Francisco: McCormack & Co., 450 9th St.
San Jose: Tom Doyle Co., 90 Santa Teresa St.
El Paso: Appliance Distributors Inc., 1409 Texas St.
Los Angeles: Hoffman Sales Corp., 426 W. College St.
Albuquerque: Appliance Distributors Inc., 317 N. Commercial
Portland: Oregon Television Dist., 600 S.E. Stark St.

HOLLAND-RIEGER, INC. (See Apex Rotarex Corp.)

HOMECRAFT ELECTRONIC, 3880 N. Kedzie Ave., Chicago, Ill.
Longmont, Colo.: General Midwestern Distributors (handle all inquiries for Homecraft Line)

HOOVER CO., North Canton, Ohio
*(Hoover cleaners)*
**Factory branch stations** (prepared to render any service; also have service salesmen and agents throughout Western states; parts are not available to the trade.)
Seattle: 2124 2nd Ave.
Tacoma: 1533 Commerce St.
Spokane: West 1001 Ide Ave.
Portland: 19 N.E. Broadway (12)
San Francisco: 468 Turk St. (2)
Oakland: 612 High St.
Los Angeles: 3006 W. 7th St. (5)
Long Beach: 1209 Pine Ave.
Pasadena: 35 S. Raymond Ave.
Sacramento: 2743 Franklin Blvd.
San Diego: 524 F St.
Santa Clara: 2925 Park Ave.
Denver: 2217 E. Colfax Ave.
Salt Lake City: 325 Brooks Arcade

HORTON MANUFACTURING CO., 731 Osage St., Fort Wayne 1, Ind.
*(Horton washers and ironers; handle parts and service on F. L. Jacobs Co. Launderall)*
**Service Stations:**
Seattle: Appl. Parts & Service, 216 Stewart St.
Los Angeles: Elec. Appl. Service Corp., 726 W. Venice Blvd.; Washing Machine Parts Co., 1241 S. Hope St.
San Francisco: Elec. Appl. Service Corp., 236 Harriet St. (3); Washing Machine Parts Co., 1375 Mission St.
Long Beach: Home Service Co., 2100 E. 4th St.
Portland: W. L. May Co., 215 N.W. Park Ave. (9); Appliance Wholesalers, 600 N.W. 14th Ave.
Denver: Ray Jones, 376 S. Broadway (9); Niles Washing Machine Supply, 509 14th St.
San Diego: Washing Mach. Parts Co., 1743 India St.; Electrical Appliance Service Corp., 302 17th St.
Salt Lake City: A-1 Master Electrical Shop, 47 E. 4th St.
Sacramento: Al Bedard's, 1626 N. C St.

HOTPOINT CO., 5600 West Taylor St., Chicago 44, Ill.
District offices at:
Western Merchandise Mart, 1355 Market St., San Francisco 3, Calif.; 1411 4th Ave. Bldg., Rm. 1315, Seattle 1, Wash.
*(Hotpoint ranges, water heaters, refrigerators, washers, ironers, dishwashers, dryers, disposalls, cabinets, Electric-Sinks, dehumidifiers, air conditioners, commercial cooking equipment)*
**Household appliances:**
Seattle: Graybar Elec. Co. Inc., King & Occidental st. (4)
Spokane: Graybar Elec. Co. Inc., 152 S. Post St. (8)
Tacoma: Graybar Elec. Co. Inc., 2112 A St.
Portland: Graybar Elec. Co. Inc., Park and Flanders Sts.
San Francisco: Graybar Elec. Co. Inc., 1750 Alameda St. (3)
Fresno: General Elec. Supply Co., 1234 O St. (18)
Los Angeles: General Elec. Supply Co., 700 Turner St. (54)
San Diego: General Elec. Supply Co., 668 Third Ave. (12)
Denver: General Elec. Supply Co., 1429 18th St. (17)
Salt Lake City: Graybar Electric Co. Inc., 336 N. 3rd West St. (13)
Boise: Graybar Electric Co., Inc., 14th & Idaho Sts.
Oakland: 306 12th St., Rm. 22-24
Phoenix: General Elec. Supply Co., 441 W. Madison St.
Honolulu: Hawaiian Elec. Supply Co., 930 Clayton St.
Oakland: Graybar Elec. Co. Inc., 1911 Union St. (7)
Sacramento: Graybar Elec. Co. 1900 14th St. (1)
Butte: Graybar Elec. Co., Inc., 604 E. Aluminum St.
Eugene: Graybar Elec. Co. Inc., 2180 W. 6th Ave.
Albuquerque: General Elec. Supply Co., 820 N. 1st Ave.
**Commercial cooking equipment:**
San Francisco: Dohrmann Commercial Co., 984 Mission St. (3)
Honolulu: Hawaiian Elec. Supply Co., 930 Clayton St.
Albuquerque: General Electric Supply Corp., 820 N. First Ave.
Denver: General Electric Supply Co., 1429 18th St. (17)

HOTSTREAM HEATER CO., 2363 E. 69th St., Cleveland (4) Ohio
*(Hotstream electric heaters)*
**Factory service only.**

HOWARD RADIO CO., 1735 Belmont Ave., Chicago 13, Ill.
*(Television receivers)*

HURLEY MACHINE DIV. (See Thor Corp.)

ICETTE (See General Construction Corp.)

INDUSTRIAL TIMER CORP., 115 Edison Pl., Newark 5, N. J.
*(Factory service only)*

ILLINOIS SEWING MACH. CO., (See Free Sewing Machine Co.)

INGERSOLL, DIV. of WATERBURY CLOCK CO., 31 Cherry Ave., Waterbury 91, Conn.
*(Ingersoll, Kelton, Connecticut and Waterbury clocks)*
**Factory service only.**

INTERNATIONAL APPLIANCE CORP., 222 5th Ave., New York 1, N. Y.
*(Broilking appliances)*
San Francisco: Will M. Aronson, 666 Howard St. (5)
San Diego: Electrical Appl. Service Corp., 302 17th St.
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd. (15)

INTERNATIONAL HARVESTER CO., 180 N. Michigan Ave., Chicago 1, Ill.
**Distributors:**
Los Angeles: Gough Industries Inc., 819 E. 1st St. (54)
San Francisco: Thomson-Diggs Co., 1355 Market St.
Salem: Eoff Electric Co., 156 N. Front St.
Salt Lake City; Smith-Morley Co., 55 S. 2nd West St.
Seattle: Love Electric Co., 318 Westlake Ave.
**Refrigeration Parts and Service:**
Los Angeles: 734 Lawrence St. (21)
Oakland: 2855 Cypress St. (4)
Portland: McLaughlin Blvd. and Harvester Drive (22)
Salt Lake City: 435 W. 4th S. (9)
Spokane: 715 E. Sprague Ave. (1)

INTERSTATE (See Revelation Co.)

INTERSTATE ENGINEERING CORP., 2250 E. Imperial Highway, El Segundo, Calif.
*(Compact and Revelation vacuum cleaners)*
**Repair parts and service at factory.**

IRONRITE INC., 332 Cass Ave., Mt. Clemens, Mich.
**Distributors:**
*(Ironrite Ironer)*
Los Angeles: Gordon E. Wilkins-Ironers Inc., 121 So. Alameda St. (12)
Oakland: Gordon E. Wilkins-Ironers Inc., 3100 Telegraph Ave.
Seattle: F. B. Connelly Co., 1015 Republican St. (9)
Spokane: Columbia Elec. & Mfg. Co., So. 123 Wall St., P. O. Box 1411 (8)
Portland: F. B. Connelly Co., 905 N. W. 12th Ave. (9)
Salt Lake City: Deseret Appl. Dist. Inc., 144 S. 5th West St.
Billings: Midland Implement Co. Inc., P. O. Box 2113
Denver: Western Appl. Corp., 201 So. Cherokee (9)
Albuquerque: Zork Hardware Co. of N. W., 1412 No. 12 St.
Phoenix: Gordon E. Wilkins-Ironers Inc., P. O. Box 5037

JACKSON APPL. MFG. CO., 210 Flatbush Ave., Brooklyn 17, N.Y.
**Factory service only.**

JACOBS CO., F. L., 1043 Spruce St., Detroit 1, Mich.
(See Horton Mfg. Co.)

JAMES CLOCK MFG. CO., 5307 E. 14th St., Oakland 1, Calif.
*(James Remind-O-Clock)*
**Factory service only.**

JAMES MFG., Independence, Kan.
*(Automatic dishwasher)*
**Distributors:**
Phoenix: Electrical Equipment Co., 1st Ave. at Madison
Los Angeles: Ray Thomas Co., 1601 S. Hope St.
San Diego: Electric Supplies Dist. Co., P.O. Box 1310, 435 Second Ave.
San Francisco: Thompson & Holmes Ltd., 650 Second St.
Denver: Larson Dist. Co., P.O. Box 4013, 550 Lincoln St.
Butte: Treasure State Gas & Elec. Co., 827 S. Montana St.
Portland: Harper-Meggee Inc., 1506 N.E. Irving St.
Seattle: Harper-Meggee Inc., 960 Republican St. (9)
Spokane: Harper-Meggee Inc., N. 734 Division

JOHNSON & SON, INC., S. C., Racine, Wis.
**Service Stations:**
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd.
Sacramento: Lam-Co Electric, 1415 21st St.
San Diego: Electrical Appl. Service Corp., 302 17th St. (2)
San Francisco: Electrical Appl. Service Corp., 1434 Howard St. (3); Will M. Aronson Co., 666 Howard St. (5)
Denver: Marine Air Conditioners, 1863 Wazee St. (2)
Lewiston: Union Paper & Supply Co., 206 Ninth St.
Billings: Clark C. Briggs, 1045 Avenue D
Albuquerque: Electric Motor Co., 1801 Lomas Blvd.
Portland: Stark's Vacuum Cleaner Sales & Service, 20 S.E. Grand Ave. (14)
Salt Lake City: A-1 Master Electric Co., 47 E. 5th South St.
Seattle: A Appliance Co., 610 E. Pine St. (22).
Spokane: Appliance Parts & Service Co., W. 609 Trent Ave.
Honolulu: Hawaiian Electric Co.

KAUFMAN MFG. CO., Manitowoc, Wis.
*(Hedgemaster portable hedge trimmer, GT-50 Kaufman electric grass trimmer)*
**Factory service only.**

KAYE-HALBERT CORP., 3623 Eastham Drive, Culver City, Calif.
*(Kaye-Halbert television receivers)*
**Distributors:**
Fresno: Fresno TV Supply
Los Angeles: Kaye-Halbert Distributors Inc.
San Diego: Kaye-Halbert Distributors Inc.
San Francisco: Arthur C. Maryon Co.
San Jose: San Jose Television Supply Co.
Denver: Century Distributing Co.
Portland: The Moore Co.
Salt Lake City: Edward J. Moreau Co.
El Paso: Reichel Distributing Co.
Seattle: K-H Distributors Inc.
Spokane: K-H Distributors Inc.
Honolulu: Electronic Associates Ltd.

KELTON CLOCKS
(See Ingersoll Div.)

KELVINATOR (See Nash-Kelvinator)

KEYSTONE SILVER INC., 509 W. 34th St., New York 1, N. Y.
*(Keystoneware percolators)*
**Service stations:**
Los Angeles: California Electric Service Inc., 832 S. Alvarado St.
San Francisco: Appliance Service Factors, 123 Stewart St.
Portland: Morrison Electric Co., 1206 S.W. Washington St.
Seattle: A Appliance Co., 610 E. Pine St.

KIRBY HOME RENOVATION SYSTEM (See Scott & Fetzer Co.)

KISCO CO. INC., 2400-40 DeKalb St., St. Louis 4, Mo.
*(Kisco Circulair and Cool-Circle-Ator)*
**Factory service only.**

KITCHENAID ELECTRIC HOUSEWARES DIV., Hobart Mfg. Co., Troy, Ohio
*(KitchenAid electrical food preparers and electric coffee mills)*
**Service Stations:**
Hobart Sales Agency in San Francisco, San Diego, Santa Rosa, San Jose, Sacramento, Fresno, Los Angeles, Oakland, Long Beach, Stockton, San Bernardino, Denver, Pueblo, Billings, Helena, Boise, Portland, Seattle, Spokane, Tacoma, Salt Lake City, Phoenix, Reno

KITCHENAID HOME DISHWASHER DIV., Hobart Mfg. Co., Troy, Ohio
*(KitchenAid automatic home dishwasher)*
(See classified telephone directory or write factory)

KINSFORD SPECIALTY CO., 3915 Powelton Ave., Philadelphia, Pa.

KNAPP-MONARCH CO., Bent & Potomac St., St. Louis 16, Mo.
*(elec. appl., fans, Knapp heaters)*
**Service Stations and Distributors:**
Denver: Western Appl. & Elect'l. Co., 1159 Stout St.
Los Angeles: Elec'l. Appl. Service Corp., 726 W. Venice Blvd.

Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.
Portland: Morrison Elec. Service, 1236 S. W. Washington (5); Houston's (Sparklet only), 403 S. W. 10th.
Salt Lake City: Appliance Service Center, 57 Richards St.
San Diego: Elec'l. Appl. Service Corp., 302 17th St.
San Francisco: Elect. Appl. Service Corp., 1434 Howard St.
Seattle: J. M. Hooper Electric Co., 222 Marion St.
Spokane: Spokane Appliance Repair, 173 So. Wall St.
Billings: Billings Electric Co., 208 N. 29th St.
**Factory service also.**

KORD MANUFACTURING CO. INC., 4510 White Plains Road, New York 65, N. Y.
*(Heaters and table stoves)*
**Service Stations:**
San Francisco: M. C. Ross, 190 Gough St. (for California)
Boise: C. A. Bodily Radio Service, 1603 No. 13th (for Idaho)
Salt Lake City: Appliance Service Center, 57 Richards St. (for Utah)
Portland: Arrow Electric Co., 911 S.W. 9th Ave. (for Oregon)

L. & H. ELECTRIC RANGES (See A. J. Lindemann & Hoverson Co.)

LANDERS, FRARY & CLARK, New Britain, Conn.
*(Universal electric housewares)*
**Service Stations:**
Long Beach: *California Elec. Service, Inc., 1407 E. 4th St.
Los Angeles: *California Elec. Service, Inc., 832 S. Alvarado St.
Sacramento: *Lameo Electric Co., 1415 21st St.
San Diego: *J. F. Zwiener Elec. Co., 1242 1st Ave.
San Francisco: *Universal Elec. Appl. Co., 1265 Folsom St. (3); *Calif. Elec. Service Inc., 168 First St.
Eugene: C. & S. Electric Co., 1070 Willamette St.
Portland: Morrison Elec. Co., 1206 S.W. Washington at 12th St. (5)
Bremerton: Lent's, 279 4th St.
Seattle: *Appliance Parts & Service Co., 216 Stewart St. (1)
Spokane: *Appliance Parts & Service Co., 609 W. Trent Ave.
Ogden: Corny Clock & Appliance Service, 2420 Grant Ave.
Salt Lake City: *A-1 Master Elec. Shop, 47 E. 4th South St.
Phoenix: *Vinson Carter Elec. Co., 325 N. 4th St.
Tucson: Grabe Electric Co., Inc., 26 E. Congress St.
Denver: *Colorado Vacuum Sweeper Co., 534 15th St.
Butte: *Radio Eng. & Service Co., 219 W. Park St.
Albuquerque: *Cawlfield's Appliance Service, 311 Second S.W.
Tacoma: *Ajax Electric Co., 747 Fawcett Ave.
Fresno: The Clock Shop, 1418 Fulton St.
San Jose: D & S Repair Service, 402 W. Santa Clara St.
Santa Barbara: *Mel-Time Repairs, 20 W. Carrillo St.
Billings: *Billings Elec. Supply Co., 214 No. 30th St.
Boise: Boise Cyclery, 208 N. 9th St.
El Paso: *Wayne M. Tinkler & Co. Ltd., 2731 E. Yandell
Yakima: Yakima Hardware Co., P.O. Box 1021
*—Cleaner service & parts as well as electric housewares parts & service
**Vacuum cleaner service stations only:**
Los Angeles: Los Angeles Electric Sales & Service, 1301 W. Washington Blvd.; Louis Clark, 2141 W. Washington Blvd.
North Hollywood: Jim Sheriff Vacuum Cleaner Store, 5206 Vineland Ave.
Portland: Bressie Electric Co., 909 S. W. 5th Ave.
Salt Lake City: Intermountain Appl. Service, 708 S. State St.

LaSALLE PROD., INC., 143 Seneca St., Buffalo 3, N. Y.
*(Heetaires)*
**Service Stations:**
Portland: Morrison Elec. Co., 5 S.W. Washington & 13th St.; Bee Elec. Serv. Co., 28 N.W. 10th Ave.
Seattle: A Appl. Co., 610 E. Pine St. (22)
San Francisco: Appliance Service Factors, 123 Steuart St.
Los Angeles: J & S Co., 4356 W. Third St.
Sacramento: Lameo Elec., 1415 21st St.
Spokane: Spokane Appl. Repair, S. 173 Wall St.
Medford: Electronic Service, 18 N. Grape
Phoenix: Reliable Wholesale, 33 N. 6th Ave.
Tucson: Grabe Electric Co., P.O. Box 143, 26 E. Congress St.

LAUNDERALL WASHERS (See Horton Mfg. Co.)

LAUNDRY QUEEN (See Frantz Mfg. Co.)

LEAR INC., 110 Ionia Ave., N. W., Grand Rapids 2, Mich.
**West Coast Sales and Service:**
Lear Inc. of California, 11916 W. Pico Blvd., Los Angeles 64
*(Lear Aircraft Radio)*
**Service Distributors and Dealers**
Phoenix: Sun Valley Air Service, 2400 Airline Way, Municipal Airport
Bakersfield: Pemberton Flying Service, Dept. 304, 2199 Airport Drive
Fresno: Air Oasis Co., Chandler Field
Oakland: Bayaire Radio Service, Municipal Airport; Pacific Aircraft Sales Co., Municipal Airport; R. P. Bowman Co., Municipal Airport
Ontario: Southern Calif. Aircraft Corp., P.O. Box 433
San Francisco: C. J. Hendry Co., 27 Main St. (5)
Long Beach: Skycrafters Aviation Radio, 2453 E. Spring St.; Air-Oasis Co., 2601 E. Spring; Baker Aircraft Sales, Municipal Airport
Butte: Butte Aero Sales & Service, Inc., Municipal Airport
Seattle: Washington Aircraft & Transport Corp., Boeing Field
Troutdale: Skyways Inc., Portland-Troutdale Airport
Salt Lake City: Kemp & Kelsey Airservice Inc., Municipal Airport; Salt Lake Aircraft Parts, Airport No. 1
Denver: Clinton Aviation, Stapleton Airport (7); Mountain States Aviation Inc., Hangar No. 2, Stapleton Airport.
Santa Monica: Santa Monica Aviation, Santa Monica Airport.
Cody: Rocky Mountain Air Service
Albuquerque: Cutter-Carr Flying Service, P.O. Box 274
Santa Fe: Southwestern Skyways Inc., New Municipal Airport
Honolulu: Service Games, 210 Mokauen St.

LECTRO SPEED CO., 12005 N. Burgard, Portland 3, Ore.
*(Automatic storage water heaters and Booster water heaters)*
**Diistributors:**
Portland: Electrical Distribution, 140 N.W. 14th; Grinnell & Co., 3240 N.W. 29th; Haseltine & Co., 115 S.W. 2nd Ave.; Peerless Pacific, 228 N. Interstate; Refrigerative Supply, 619 S.E. 6th; Standard Supply, 934 S.E. 6th; Stone Supply, 947 S.E. Market; Dohrmann Hotel Supply, 50 N.E. Oregon St.
Beaverton: L. G. P. Co., 1425 S.W. Tualatin Hi-way
Eugene: Peerless Pacific
Seattle: Dohrmann Hotel Supply, 2000 5th St.
Pocatello: Billmeyer's Wholesale Distributors, 240-248 S. Arthur Ave.

LEESON STEEL PRODUCTS INC., 612 N. Michigan Ave., Room 205, Chicago 11, Ill.
*(Presteline home appliances)*
**Distributor:**
San Francisco: O. B. Wilt Co., 1355 Market St.

LEKTRO PRODUCTS INC., Milford, Conn.
*(Packard shavers)*
**Service Stations:**
Phoenix: 128 S. Central Ave.
Tucson: 307 E. Congress St.
Fresno: 1916 Fresno St.
Hollywood: 6636 Hollywood Blvd.
Long Beach: 238 E. 1st St.
Los Angeles: 711 S. Olive St. (14)
Oakland: 25 Grand St. (12)
Sacramento: 1107 J St.
San Diego: 426 C St.
San Francisco: 41 1st St.; 450 Geary St.
Denver: 1525 Arapahoe St. (2)
Portland: 525 S. W. Pine St. (4)
El Paso: 407 Texas St.
Salt Lake City: 47 W. S. Temple St.
Seattle: 1910 4th Ave. (1)
Spokane: W. 916 Riverside Ave. (2)
Tacoma: 1003 A St.
Boise: 609 Bannock St.

LEONARD REFRIGERATORS (See Nash-Kelvinator)

LEWYT CORP., Vacuum Cleaner Division, 60 Broadway, Brooklyn 11, N. Y.
**Distributors:**
Phoenix: Albert Mathias & Co. Inc., 305 S. 2nd Ave.
Denver: Western Appliance Corp. 201 S. Cherokee
Salt Lake City: W. H. Bintz Co., 433 W. 3rd South
El Paso: Albert Mathias & Co., 113 S. Mesa
Seattle: F. B. Connelly Co., 1015 Republican St.
Los Angeles: Sues, Young & Brown Inc., 3636 So. Bronson Ave.
Portland: F. B. Connelly Co. of Oregon, 905 N.W. 12th Ave.
Billings: Northwestern Auto Supply Co., 420 N. 28th St.
Spokane: Inland Empire Wholesalers, 110 So. Wall St.
San Diego: Distributors Inc., 541 Second Ave.
San Francisco: Frank Edwards Co. Inc., 382 6th St.
Honolulu: Hawaiian Electric Supply Co., 930 Clayton St.

LIBERTY ELEC. CO., 1915 Madison Ave., Indianapolis, Ind.

LIGHTOLIER CO., Jersey City 5, N. J.
*(Lightolier fluorescent and incandescent lighting fixtures, portable lamps)*
**Factory service only.**

LIGHTING PRODUCTS INC., Highland Park, Ill.
**Representatives:**
Denver: Fred E. Staible & Sons, 2046 Arapahoe
Seattle: Wm. Proby, 442 Smith Tower (4)
Spokane: Carl Mann, 121 S. Madison
San Francisco: James Mundstock, 320 Market St.
Portland: E. A. Ryan, 4271 S. E. Stark (15)
Los Angeles: Carl Lertzman, 5455 Hollywood Blvd. (27)

A. J. LINDEMANN & HOVERSON CO., 601 W. Cleveland Ave., Milwaukee 15, Wis.
*(Lectro Host electric ranges, water heaters, refrigerators & home freezers)*
**Distributors:**
San Francisco: Lavenson & Savasta, 586 6th St. (3)
Los Angeles: Harry L. Shane Inc., 160 W. 33rd St. (7)
Portland: Robert L. Rice & Co., 1238 N.W. Glisan St. (9)
Seattle: Robinson Distr. Corp., 3129 Western Ave. (1)
Spokane: Taylor Dist. Co., E. 206 Augusta Ave.
Salt Lake City: S. R. Ross Inc., 1212 S. State St.
Denver: Hassco, Inc., 1745 Wazee St. (1)

LIONEL CORP., 15 E. 26th St., New York 10, N. Y.
(Factory: 28 Sagar Place, Irvington 11, N. J.)
*(Lionel elec. trains, Model R. R. equipment, construction kits, Trainmaster transformers)*
**Service Stations:**
Phoenix: Arizona Eastern R.R. Shop, 2002 N. 23rd St.
Tucson: Townsend's, 2751 N. Campbell Ave.
Alhambra, Calif.: W. L. Moore, 308 S. 2nd St.
Bakersfield: John B. Friesen, 2000 Quincy St.
Berkeley: Berkeley Hdwe. Co., 2109 University Ave.
Fresno: Arthur's Toy Shop, 911-915 Broadway
Glendale: The Brass Hat Hobby Shop, 1105 N. Pacific Ave.
Hayward: Henry's Baby Furniture & Toys, 944 B St.
Hollywood: Hollywood Hobby & Elec. Shop, 1522 Cahuenga Blvd.
Inglewood: The Hobby House, 610 E. Manchester Blvd.
Kingsburg: Olson Bros., 1530 Marion St.
Long Beach: Ray's Hobby Model Supply, 1222 American Ave.
Los Angeles: J. R. Metz, 1753 W. 21st Street; Colonel Bob's 3707½-09 W. Pico Blvd.; Train Repairs, 5406½ Lemon Grove
Marysville: Mac's Round House, 514 Eye St.
Oakland: Jack Collier's "Toys for Men," 3669 Grand Ave.; Lee's Train Service, 3980 Piedmont Ave.
Palo Alto: Palo Alto Sport Shop, 526 Waverly St.; Miniature Travels, 3345 El Camino Real
Pasadena: Garstang's Trains & Toys, 87 E. Colorado St.
Rosemead: Toytown, 8714 E. Valley Blvd.
Sacramento: H. Cameron Jr., 609 Jay St.; H. K. Vance, Train Repairs, 2538 5th Ave.
San Anselmo: The Stork Shop, 556 San Anselmo Ave.
San Diego: Frank "The Trainman," 4310 Park Blvd.
San Dimas: G. F. Harbin Co., 209 W. Bonita Ave.
San Francisco: Calif. Elec. Service Inc., 168 1st St. (5); Jack Collier's "Toys for Men," 693 14th St.
San Jose: Glenn's Cyclery & Hobby Shop, 40 N. 2nd St.
San Mateo: Jack Smith Toy & Bicycles, 1927 El Camino Real
Santa Barbara: Fred Baumgarten, 423 Chapala St.
Sherman Oaks: Capt. Eddie's Hobby Shop, 15010 Ventura Blvd.
Stockton: Hobby Craft Shop, 637 E. Main St.; The Toy Box, 3220 Pacific Ave.
Walnut Creek: Tots N' Teens Toy Shop, 1414 Main St.
Boulder: Boulder Hobby Shop, 1834 Broadway
Colorado Springs: Earl Udick Service, 115 N. Nevada Ave.
Denver: Dire's Repair Service, 1104 18th St.
Pueblo: Hobby Craft, 607 N. Main St.
Portland: Flegel Train Repairs, 3964 N. Interstate Ave.
Eugene: Magazine Exchange, 125 E. 11th
El Paso: Lowenberg Hobby Shop, 2511 E. Yandell Blvd.
Salt Lake City: Electronic Service & Supply Co., 115 E. Broadway
Ogden: P. G. Boam Co., 888 27th St.
Seattle: Model Railroad Service, 5801 Roosevelt Way; Model Engineering, 9524 Roosevelt Way
Spokane: Spokane Cycle & Toy Co., 217-219 N. Post St.
Yakima, Wash.: Staves & Son, 802 S. Naches Ave.
Boise: Fred Stivers Model R.R. Shop, 1315 Hays St.
Billings: Barrett's Roundhouse, 742 Howard
Butte: Phillips Repair Shop, 2226 Silver Bow St.
Reno: Builders & Farmers Hardware Co., 1274 So. Virginia St.
Albuquerque: Denton, 837 Kentucky, S.E.; Berg's Home and Auto, 3501 E. Central
Cheyenne: A-1 Service, 1324 Country Club
Honolulu: Athletic Supply of Hawaii Ltd., P.O. Box 1615

LITTLE GIANT INC.
*(Laundry tray washers)*
**Parts and service:**
Oakland: Electrical Appl. Service Co., 4238 Broadway
San Francisco: Elec'l. Appl. Service Co., 1434 Howard St.

LOVELL MANUFACTURING CO., Erie, Penn.
*(Washing machine wringer rolls and repair work)*
**Distributors:**
Denver: Ray Jones, 376 S. Broadway (9); George S. Conley, 731 15th St.
Los Angeles: Elec'l. Appl. Service, 726 W. Venice Blvd.
Portland: W. L. May Co., 215 N W. Park Ave.
Seattle: Appl. Parts & Serv. Co., 216 Stewart St.
San Francisco: Electric Appliance Service Corp., 1434 Howard St.
San Diego: Electric Appliance Service Corp., 302 17th St.
Boise: Karre Appliance Repair Shop, 1511 State St.
Salt Lake City: Apex Sales & Service, 171 E. Broadway

LUMIDOR CO. INC., 4801 E. 50th St., Los Angeles 58, Calif.

LUX CLOCK MFG. CO., THE, Waterbury, Conn.
**Factory service only.**

LYON METAL PRODUCTS INC., Aurora, Ill.
**Branch offices at:**
Los Angeles: 3650 Union Pacific Ave. (23)
Portland, P.O. Box 3797
Spokane: P.O. Box 1225
Denver: 2142 Welton St. (6)
San Francisco P.O. Box 3096
Seattle: 1755 Utah Ave. (4)
Tucson: 3232 E. 1st St.

MACARTHUR PRODUCTS INC., Indian Orchard, Mass.
**Factory nearest source supply.**

MAGNAVOX CO., Fort Wayne 4, Ind.
*(Magnavox radio - phonograph and television)*
Magavox dealers authorized to service Magnavox instruments

MAJESTIC ELECTRIC APPL. CO., 1058 Folsom St., San Francisco (3), Calif.

MAJESTIC RADIO & TELEVISION, Div. Wilcox-Gay Corp., 70 Washington St., Brooklyn 1, N.Y.
Branch Office: 2772 W. Olympic Blvd., Los Angeles 6
**Distributors:**
Butte: Northwest Sales Supply Co., Box 368
Los Angeles: Pacific Appliance Corp., 1776 S. Robertson Blvd.
Portland: Premium Distributing Co., 1121 S.W. Washington St.
Ogden: Ballard & Carter, 2428 Grant Ave.
Seattle: Western Electric Supply Co., 717 Dexter Ave.
Denver: Ealge Distributors Co., 4303 Brighton Blvd.

MALLEABLE IRON FITTINGS CO. INC., Pole Hardware Div., Branford, Conn.
**Representatives:**
San Francisco: Waltham, DeWitt & Krusi, 632 Monadnock Bldg.
Los Angeles: Industrial Eng. & Equipment Corp., 720 Subway Terminal Bldg. (13)
Portland: William J. Cottrell & Associates, 11341 S.W. Pacific Highway

MANITOWOC EQUIPMENT WORKS, Div., Manitowoc Co. Inc., 621 Quay St., Manitowoc, Wis.
*(Manitowoc freezers)*
**Distributors:**
Los Angeles: U. S. Grant Supply Co., 2900 E. 11th St (23)
Oakland: California Dist. Co., 2015 E. 12th
Denver: Contractors Heating & Supply, 70 Santa Fe Drive (9)
Billings: Midland Implement Co.
Reno: Saviers Electrical Products Corp., 640 Sierra St.
Portland: R. M. Wade Co., 106 S. E. Hawthorne Blvd. (14)
El Paso: Gorman Engineering Co. of Texas, 1701 Texas St.
Salt Lake City: Walter B. Lloyd Co., 51 S. Second West
Seattle: R. M. Wade Co., 532 First Ave. S. (4)
Albuquerque: Gorman Engineering Co. of N.M., 1330 N. 12th St.

MANNING BOWMAN DIVISION, McGraw Electric Co., Fostoria, Ohio
**Service Stations:**
Denver: Midwest Elec. Co., 1124 Santa Fe Drive (4)
Los Angeles: K. E. Campbell, 316 E. 3rd St. (13)
San Diego: Zweiner Elec. Co., 1242 1st Ave.
San Francisco: Campbell Bros., 657 Mission St.
Portland: Morrison Elec. Supply, 1206 S. W. Washington St. (5)
Seattle: Appl. Parts & Service, 216 Stewart St.
El Paso: Wayne M. Tinkler Service Co., 2731 E. Yandell
Salt Lake City: Appliance Service Center, 57 Richards St.
Honolulu: Vamm Hamm Co. Ltd.

**EVERHOT Service Stations:**
Phoenix: Vinson-Carter Electric Co., 325 N. 4th Ave.
Los Angeles: California Electric Service Co., 832 S. Alvarado St.
San Francisco: Campbell Bros., 657 Mission St.
Denver: Midwest Electric Service Co., 1124 Santa Fe Drive
Portland: Morrison Electric Co., 1206 S.W. Washington (5)
Salt Lake City: Appliance Service Center Inc., 57 Richards St.
Seattle: A Appliance Co., 610 E. Pine St. (22)

MARBRO LAMP, 1625 S. Los Angeles St., Los Angeles, Calif.

MARCO INDUSTRIES CO., 207 S. Helena St., Anaheim, Calif.
*(Indicator lights and Amerflex Flexible conduit assemblies)*
**Factory service only.**

MARION ELEC. APPL.
(See Rutenber Elec. Co.)

MARKEL ELEC. PRODUCTS INC., 129 Seneca St., Buffalo 3, N. Y.
*(Heetaire electric heaters, lighting fixtures)*
**Service Stations:**
Seattle: A Appliance Co., 610 E. Pine St. (22)
Portland: Morrison Electric Service Co., 5 S.W. Washington & 13th St.; Bee Electric Service Co., 28 N.W. 10th Ave.
Los Angeles: J & S Co., 4356 W. 3rd St.
San Francisco: Appliance Service Factors, 123 Steuart St.
Spokane: Spokane Appl. Repair, S. 173 Wall St.
Sacramento: Lam-Co. Elec., 1415 21st St.
Phoenix: Reliable Wholesale, 33 N. 6th Ave.
Tucson: Grabe Electric Co., 26 E. Congress St.
Medford: Electronic Service, 18 N. Grape St.

MARLUN MFG. CO. INC., 22-28 W. 21st St., New York 10, N. Y.
*(Ritz Black Angus appliances)*

MARQUETTE APPLIANCES INC., 307 E. Hennepin Ave., Minneapolis 14, Minn.
*(Marquette refrigerators, home freezers, gas and electric ranges, washers, ironers, driers, gas and electric water heaters, water coolers)*
We are in the process of establishing service stations in the West.

MARTIN-PARRY CORP.
(See Rexair Div.)

MASTER APPLIANCE MFG. CO., 4th & Ontario St., Racine, Wis.
*(Electric dryers, fans, portable hand tools)*
Los Angeles: J & S Co., 4356 W. 3rd St. (5)
San Francisco: Appliance Service Factors, 123 Steuart St.
Portland: Northwest Clipper & Shaver Service, 16 S.E. 28th Ave.

MASTER GRANDE WASHERS
(See Vidrio Products Co.)

MAYTAG CO., Newton, Iowa.
*(Maytag washers, ironers, gas ranges)*
**Distributors and Branch Offices:**
Portland: Maytag Northwest Co., 1136 N.W. Hoyt St. (9), (Wash., Ore., Idaho, Utah, western Nev.)
Los Angeles: Maytag West Coast Co., 1225 W. Ninth St. (15). (Calif., eastern Nev.)
Colorado Springs: Maytag Rocky Mt. Co. (Colo., Wyo., N.M., Ariz.)
Montana: The Maytag Co., 515 Washington Ave., N., Minneapolis, Minn.

McALLISTER-ROSS CORP., 1824 S. 52nd Ave., Chicago 50, Ill.
*(McAllister "bagless" vacuum cleaners)*

McGRAW ELECTRIC CO., Clark Div., 5201 W. 65th St., Chicago 38, Ill.
*(Toastmaster electric and gas water heaters)*
**Distributors:**
Phoenix: Graybar Electric Co., 434 W. Madison St.
Long Beach: Graybar Electric Co., Inc., 1700 Daisy St.
Los Angeles: Graybar Electric Co., Inc., 210 Anderson St.
San Diego: Graybar Electric Co., Inc., 720 State St.
Portland: Electrical Distributing Inc., 140 N.W. 14th Ave. (9)
Denver: Hendrie & Bolthoff Co., 1635 17th St.
Pueblo: N. O. Nelson Co., 118-22 E. River St.
Salt Lake City: N. O. Nelson Co., 380 W. 2nd South (1)
Seattle: Seattle Hardware Co., 501 First Ave. So.
Helena: D. N. Latus & Co., 1531 National Ave.
Honolulu: D M Distributors, P. O. Box 2195, 1232 Kona St.

McGRAW ELECTRIC CO., Toastmaster Products Division, Elgin, Ill.
*(Toastmaster)*
**Service Stations:**
Denver: E. S. Hawkins Elec'l Service, 716 18th St.; Midwest Elec. Service Co., 1124-26 Santa Fe Drive
Los Angeles: K. E. Campbell Electric, 316 E. 3rd St. (13)
Portland: Bressie Elec. Co., 909 S. W. 5th Ave. (4)
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
San Diego: J. F. Zwiener Elec'l. Co., 1242 1st Ave.
San Francisco: Campbell Bros., 657 Mission St., Room 504 (5)
Seattle: Appl. Parts & Service Co., 214 Stewart St. (1)
Spokane: Appl. Parts & Service Co., 609 W. Trent Ave. (8)
Honolulu: Hawaiian Electric Co. Ltd.

MEADOWS CORP., 1954 S. 54th Ave., Chicago, Ill.
(See Thor Corp.)

MEIER ELECTRIC & MACHINE CO., INC., 3525 E. Washington St., Indianapolis 7, Ind.
*(Meter Nu-Air window, portable, attic fans, electric wall and portable furnaces)*
**Factory representative for parts and services:**
O. B. Wilt Co., 1355 Market St., San Francisco, Calif.

MELL-O-CHIME AND SIGNAL CORP., 119 S. Jefferson St., Chicago 6, Ill
*(chimes)*
**Repairs at plant.**

MERIT-MADE INC., 17 Court St., Buffalo 2, N. Y.

METAL WARE CORP., Two Rivers, Wis.
*(Empire and Empco domestic electric appliances)*
Seattle: Elec'l. Engineering Co., 110 Marion St. (4).
Spokane: R. T. Carr Sales Co., 919 W. First Ave.
Portland: Morrison Elec. Service, S.W. Washington at 13th (5).
San Jose: Century Elec. Co., 18 E. San Antonio St.
San Diego: J. F. Zwiener Elec. Co., 1242 1st Ave.

MIDGET HEATER & SPECIALTY CO., 2801 Pacific Ave., Tacoma 2, Wash.
**Factory service only.**

MILLER CO., THE, Meriden, Conn.
*(Lighting equipment)*

MILO MFG. CO., 2255 Bush St., San Francisco, Calif.

MIRACLE ELECTRIC CO., 203 N. Wabash Ave., Chicago 1, Ill.
*(small electric appliances)*
**Service Stations now being established.**

MONARCH MFG. CO., 2014 N. Major Ave., Chicago, Ill.

MONITOR EQUIPMENT CORP., Riverdale-on-Hudson, New York 71, N. Y.
*(Monitor home appliances)*
**Pacific Coast factory representative:**
The O. B. Wilt Co., 1355 Market St., San Francisco, Calif.
**Service Stations:**
Fresno: Electrical Supplies Inc., 220 M St.
Los Angeles: Gough Industries Inc., 819 E. First St.; James J. Kerwin Co., 1525 S. Flower
San Francisco: Kaemper & Barrett, 1850 Mission St.; Washing Machine Parts Co., 45 Rhode Island St.
Portland: Home Makers Supply Co., 824 S. W. 18th Ave.
Salt Lake City: Stewart Distr. Co., 505 So. 1st. W.
Seattle: Seattle Radio Supply Inc., 2117 Second Ave.
Butte: Monitor Home Appl. Inc., 604 Utah Ave.

MONTAG STOVE & FURNACE WORKS, 2011 N. Columbia Blvd., Portland, Ore.
*(Montag electric ranges and water heaters)*

MOTOR PRODUCTS CORP., Deepfreeze Div., 2301 Davis St., North Chicago, Ill.
*(Deepfreeze home freezers, refrigerators, electric ranges and water heaters, freezer packaging materials)*
(See Deepfreeze)

MOTOROLA INC., 4545 Augusta Blvd., Chicago 51, Ill.
*(Motorola Radio)*
**Distributors:**
Denver: Boyd Distr. Co., 20 W. 13th Ave. (4)
Portland: Eoff Electric Co., 509 N. W. 10th St.
Billings: Taylor Dist. Co., P. O. Box 1116
Maywood: Kierulff & Co., P. O. Box 27
San Francisco: W. J. Lancaster Co., 1045 Bryant St. (3)
Seattle: Zerega Dist. Co., 515 Westlake Ave N. (9)
Phoenix: Arizona Wholesale Supply Co., P. O. Box 2379
Salt Lake City: Salt Lake City Hdwe. Co., P. O. Box 510 (9)
Spokane: Taylor Dist. Co., P. O. Box 1077

MURLIN MANUFACTURING CO., Box 302, Quakertown, Pa.
*(Marine lighting)*
**Sales Representatives**
Seattle: E. A. Will, 534 First Ave. S. (4)
San Francisco: Electrical Industries, 1135 Harrison St. (3)
Los Angeles: Allied Industries, 412 Seaton St.

MURPHY MFG. CO., 7405 Stony Island Ave., Chicago 49, Ill.

MURRAY CORP. OF AMERICA, THE, Home Appliance Division, Scranton 2, Pa.
**Regional Manager:**
F. E. Johns, 433 Linda Ave., Oakland 11, Calif.

**NASH-KELVINATOR CORP.,** 14250 Plymouth Rd., Detroit 32, Mich.
*(Kelvinator refrigerators, electric ranges, home freezers, com'l refrigerating equip., air dryers, water heaters, Leonard refrigerators, ranges, home freezers, air dryers, water heaters)*
**Seattle: Nash-Kelvinator Sales Corp., 2819 Elliott Ave. (1)**
**Portland: Nash-Kelvinator Sales Corp., 2133 N.W. York St.**
**Oakland: Nash-Kelvinator Sales Corp., 2325 E. 12th St. (1)**
**Los Angeles: Nash-Kelvinator Sales Corp., 2914 E. 46th (58)**
**Denver: Western Appl. Corp., 201 So. Cherokee (9)**
**Salt Lake City: Flint Distr. Co., 316 W. 2nd S. St. (11)**
**Phoenix: Elec'l Equipment Co. of Ariz., 1st Ave. at Madison, P.O. Box 4185**
**Billings: Taylor Distributing Co., 4148 First Ave. S, P.O. Box 1116**
**El Paso: Pass City Distributors, 724 E. Overland St.**
**Albuquerque: Charles Ilfeld Co., 200 N. 1st St.**
**Roswell, N. M., Wilmot Hdwe. Co., 115 N. Main St.**

**NATIONAL ACOUSTIC PRODUCTS,** 120 N. Green St., Chicago 7, Ill.
*(amplifiers, electronics equip., toasters, record changers)*
**Factory service only.**

**NATIONAL APPLIANCE CO.,** 4814-18 W. Vernor Hwy., Detroit 9, Mich.
*(Ventrola fans and ventilators)*
**Factory service only.**

**NATIONAL DIE CASTING CO., Toughy Ave. at Lawndale, Chicago 45, Ill.**

**NATIONAL ELECTRIC MFG. CO.,** 1107 Sheffield, Niles, Mich.

**NATIONAL PRESSURE COOKER CO.,** Eau Claire, Wis.
*(Presto fryer and iron)*
**Service Center:**
**Los Angeles: Century Metalcraft Corp., 6000 Avalon Blvd. (3)**
**Service Stations:**
**Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.**
**Denver: Midwest Elec. Service Co., 1124-1126 Santa Fe Drive (4)**
**Long Beach: Calif. Elec. Service, Inc., 1407 E. 4th St.**
**Los Angeles: Calif. Elec. Service, Inc., 832 S. Alvarado St. (5)**
**San Francisco: Calif. Elec. Service, Inc., 168 1st St.**
**Billings: Billings Electric Supply Co., 214 N. 30th St.**
**Portland: Bressie Electric, 909 S. W. 5th Ave.**
**Salt Lake City: Appliance Service Center, 57 Richards St.**
**Seattle: A. Appliance Co., 610 E. E. Pine St. (22)**

**NATIONAL SPECIALTIES CO.,** Howell and Tyler St., Fort Wayne, Ind.

**NATIONAL STEEL CONSTRUCTION CO., 500 Myrtle St., Seattle 8, Wash.**
*(National and Columbia elec. water heaters)*
**Factory, jobbers and dealer service**

**NAXON UTILITIES CORP.,** 3600 W. Touhy Ave., Chicago 45, Ill.
*(Naxon, Beanery, Vitamin Crock Cooker, Autogriddle, Lustro-griddle, portable elec. washers)*
**Service Stations:**
**Los Angeles: Elec'l. Appl. Service Corp., 726 W. Venice (15)**
**San Francisco: Elec'l. Appliance Service Corp., 236 Harriet St.**
**San Diego: Elec'l Appliance Service Corp., 302 17th St.**

**HERMAN NELSON DIV., AMERICAN AIR FILTER CO., INC.,** 1824 Third Ave., Moline, Ill.
*(Unit ventilators, propeller fan-type unit heaters, propeller fans, unit blowers, portable heaters, centrifugal fans, centrifugal fan-type unit heaters de luxe unit heaters)*
**Division Offices:**
**Los Angeles: 6175 York Blvd.**
**San Francisco: 925 Standard Oil Bldg., 225 Bush St. (4)**
**Service Stations:**
Phoenix: Alfred C. Baechlin Co., P.O. Box 912
Denver: Appleton Engineering, 1219 California St., Room 208
Missoula: W. M. Walterskirchen Co., P.O. Box 1163
Albuquerque: Albuquerque Engineering Co., 2722 Hyder Drive, P.O. Box 4033
Portland: T. C. Langdon Co., 100 N. E. Holladay (14)
Salt Lake City: Midgley-Huber, 44 W 8th South St. (4)
Seattle: E. H. Langdon Co., 72 Vine St. (1)
Spokane: Ralph L. Nelson, 124 E. Augusta Ave. (13)

**NESCO, INC.,** 201 N. Michigan Ave., Chicago 1, Ill.
*(Nesco products)*
**Service Stations:**
**Seattle: J. M. Hooper Electric Co., 222 Marion St.**
Portland: Bressie Elec. Co., 909 S. W. 5th St.
**San Francisco: Will M. Aronson Co., 666 Howard St.; Electrical Appliance Service Co., 1434 Howard St.**
**Long Beach: Gulbransen Appliance Service, 2187 Atlantic Ave.**
**Los Angeles: Elec'l. Appl. Serv. Corp., 726 W. Venice Blvd.; Calif. Elec. Service Inc., 832 S. Alvarado St.**
**San Diego: Electrical Appliance Service Corp., 302 17th St.**
**Denver: Midwest Elec. Service Co., 1124 Santa Fe Drive**
**Salt Lake City: Appliance Service Center, Inc., 57 Richards St.**
**El Paso: Wayne M. Tinkler Co., 818 Cedar St.**
Seattle: J. M. Hooper Electric Co., 222 Marion St.
**Spokane: Appliance Parts & Service, W. 609 Trent Ave.**
**Fresno: The Clock Shop, 1418 Fulton St.**
**Tacoma: Ajax Electric Co., 747 Fawcett Ave.**
**Sacramento: Lamco Electric Co., 1415 21st St.**
**Billings: Billings Electric Supply Co., 208 N. 30th St.**
**Butte: Radio Engineering & Service, 219 W. Park St.**
**Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.**
Honolulu: W. A. Ramsay Co., Kapiolani Blvd. and South St., P. O. Box 1721

**NEW HOME SEWING MACHINES** (See Free Sewing Machine Co.)

**NOMA LITES INC.,** 55 W. 13th St., New York 11, N. Y.

**NORGE DIVISION,** Borg-Warner Corp., Mdse. Mart Plaza, Chicago 54, Ill. Plants Muskegon Hts., Mich.; Herrin, Ill., Effingham, Ill.
*(Electric refrig., ranges, washers, home freezers, water heaters, refrigerator specialties)*
**Distributors and service:**
Portland: F. B. Connelly Co., 905 N.W. 12th Ave. (9); W. G. Carey Co., 20 S. E. 8th Ave.
**Seattle: F. B. Connelly Co., 1015 Republican St. (9); Pacific Utilities Co., 125 1st Ave. N.**
**Spokane: Columbia Elec. & Mfg. Co., S. 123 Wall St., (8)**
Boise: Salt Lake Hdwe. Co., 802 S. 8th St.
Reno: Sierra Appl. Co., 735 W. Third St.
**Silver City, N. M.: Home Furniture Co., 202 N. Bullard St., P.O. Box 1190.**
Denver: Boyd Distributing Co., 20 W. 13th St.
**Billings: Midland Implement Co. Inc., 2303 Montana Ave., P.O. Box 2113**
Salt Lake City, Salt Lake Hdwe. Co., 104 N. 3rd St. (9), P.O. Box 510
Phoenix: Black & Ryan, 630 W. Washington, P.O. Box 2234
Honolulu: General Products Co., 503 Lauiki St.

**NORTH AMERICAN ELEC. LAMP Co., 1014 Tyler St., St. Louis 6, Mo.**

**NUTONE, INC.,** Madison & Redbank Rds.; Cincinnati 27, Ohio
*(Electric and mechanical door chimes, transformers, push buttons, signal devices, kitchen ventilating fans, electric ceiling heaters)*
**Representatives:**
**Los Angeles: Nutone, Inc., F. B. Marple, 919 E. 31st St. (11)**
Seattle: Julian Wolf, 2420 31st Ave., W. (99)
Denver: Lewis C. Brady, 483 So. Race St.
**Pacific Palisades: James Paulin, 377 Los Casas**

**OASIS ELEC. WATER COOLER** (See Ebco Mfg. Co.)

**OHIO ELECTRIC CO.,** 659 9th Ave., New York 36, N. Y.
*(Ohio Tuec Sanitator, DeLuxe cylinder vacuum cleaners, Handette & DeLuxe hand vacuum cleaners; also parts and repairs for Ohio models, 4, 5, 6 vacuum cleaners, Sweeper-Vac repair and parts)*
**Factory service only.**

**OLYMPIC RADIO & TELEVISION INC.,** 34-01 38th Ave., Long Island City 1, N. Y.
**Distributors:**
Phoenix: A & R Distributing Co., 529 S. Central Ave.
**Los Angeles: Radio Products Sales Co., 1501 S. Hill St.**
San Francisco: Joe Lapkin Co., 35 Polk St.
Denver: Electronics Dist. Co., 1722 Arapahoe St. (2)
Seattle: Olympic Northwest Inc., 2416 3rd Ave.

**ONE MINUTE WASHER CO., Kellogg, Iowa**
*(One Minute washer)*
**Seattle: Appl. Parts & Service Co., 216 Stewart St. (1)**
Portland: W. L. May Co., 215 N. W. Park Ave. (4)
**Los Angeles: Washing Mach. Parts Co., 1241 S. Hope St. (15)**
**Denver: Ray Jones Washing Mach. Parts Co., 376 S. Broadway (9)**
**San Francisco: Washing Mach. Parts Co., 45 Rhode Island St.**
**San Diego: Washing Mach. Parts Co., 1743 India St.**

**OPERADIO MFG. CO., St. Charles,** Ill. (See DuKane Corp.)

**ORLEY CORP.,** 475 Schaefer at Oakwood, Detroit 25, Mich.
*(Orley home freezer)*
**Distributors:**
Phoenix: Frank M. Siegmund Co., P.O. Box 162
Los Angeles: Pacific Appliance Distributors, 1776 S. Robertson Blvd (35)
San Francisco: Paul H. Rice Co., 1355 Market St. (3)
Denver: Nelfran Co., 2013 S. Broadway (10)
Seattle: Robinson Dist. Corp., 3129 Western Ave. (1)

**OSTER MFG. CO., JOHN, 1 Main St., Racine, Wis.**
**Factory service:**
Los Angeles: 409 Wall St.
San Francisco: 855 Stevenson St.
**Seattle: 2224 First Ave.**

**PACIFIC ELECTRICORD CO.,** 3217 Exposition Place, Los Angeles 18, Calif.

**PACKARD-BELL CO.,** 12333 W. Olympic Blvd., Los Angeles 64, Calif.
*(Radios, television, Phonocords)*
**Distributors:**
Seattle: Don Redmond, 2308 4th Ave.; Paul Swanson, 2310 4th Ave.
Tacoma: N. Earl Davison, 2329 S. Tacoma Ave.
**Spokane: Ollie Haack Dist. Co., E. 44 34th Ave.**
Billings: Central Dist. Co., P.O. Box 1551.
Portland: E. K. Rogers, 326 N. W. 21st Ave.
Altadena: Frank E. Ware, 2085 N. Fair Oaks
South Gate: Allen A. Stewart, 8640 State St.
Gardena: John G. Booth, Frank Guernsey, 16402½ S. Vermont
San Mateo: William C. Miles, 1036 N. Idaho St.
Santa Barbara: G. C. Tillack, 31 Parker Way
Santa Ana: William Heggenberger, 1324 W. 1st St.
Santa Rosa: E. J. Halliday, 118 Sebastopol Ave.
San Jose: George A. Gillespie, 996 N. 4th
Sacramento: J. R. Wing, 1930 W St.
Oakland: A. R. Bell Co., 188 10th St.; Don Fleming, R. B. Odell, 1009 Cypress St.
San Francisco: John E. Amberg, 894 Folsom St.; Paul E. Crowley, J. D. Hayes, 1157 Post St. (3); Jack Fletcher, 50 Escondido.
Fresno: Dick Schattinger, 531 P St.
Modesto: Robert E. Brady, 208 W. River Rd.
Pomona: J. C. Nash, 261 S. Park St.
Riverside: Louis Mahlman, 247 La Cadena Dr.
San Diego: James N. Baldry, L. J. Frinchaboy, 3069 El Cajon
Sherman Oaks: Ralph Kraus, 15149 Ventura Blvd.
Long Beach: W. S. Taylor, 2030 W. 16th St.
Los Angeles: Ed Aigner, Charles Bowen, Paul Crocker, Arthur Hast, M. P. McKenna, E. A. Patterson, H. H. "Dusty" Rhodes, 1425 S. Flower St.; E. M. Chapman, John Felker, Fred Stevens, 846 S. Robertson Blvd.
Phoenix: B. C. McAndrew, 228 E. Roosevelt St.
Tucson: V. L. Newell, 745 N. 4th Ave.
Las Vegas: Jim Solomon, 725 Fremont St.
El Paso: J. E. Vaughn, 1515 Wyoming
Denver: George C. Mills, A. H. Frost, 1441 Ogden St. (18)
**Honolulu: Nylen Bros. & Co., Ltd., 820 So. Beretania St.**
Salt Lake City: E. E. Pritchett, 624 S. State
**Factory service departments:**
**Seattle: Hal Tabor, 2310 4th Ave.**
Spokane: George O'Leary, South 125 Stevens St. (Riverside)
Tacoma: Al Schultz, 2327 S. Tacoma Ave.
Phoenix: Ken Edwards, 228 E. Roosevelt St.
Alhambra: V. L. Hasemeyer, 2221 W. Valley Blvd.
Burbank: Henry Greenspan, 3007 Magnolia Blvd.
Compton: Larry Smith, 14912 S. Atlantic Blvd.
Culver City: E. F. Gallagher, 2405 S. LaCienega Blvd.
Los Angeles: Ray O'Sullivan, 1101 S. Hope St.
Oakland: Don Richmond, 1009 Cypress St.
Riverside: Calvin Wadley, 247 La Cadena Drive
Santa Ana: David Carr, 1324 W. 1st St.
San Diego: 3067 El Cajon Blvd.
San Francisco: R. H. Clark, 1157 Post St.
San Mateo: Harold Robertson, 1037 N. Bayshore Blvd.
Denver: R. F. Pack, 1441 Ogden St.
Portland: C. J. Patton, 326 N. W. 21st Ave.
El Paso: R. S. Marks, 1515 Wyoming St.
Honolulu: M. J. O'Hara, 1923 Kalakaua Ave.
Salt Lake City: George Brown, 624 S. State St.

**PACKARD ELECTRIC SHAVER** (See Lektro Products)

**PEERCO INC.,** 4538 W. Roosevelt Road, Chicago 24, Ill.

**PEERLESS BUILT-IN-FIXTURE CO., 2608 San Pablo Ave., Berkeley, Calif.**

PEERLESS ELECTRIC CO., 1401 W. Market St., Warren, Ohio
**Distributors:**
Los Angeles: Montgomery Bros., 2113 S. San Pedro St.
San Francisco: Montgomery Bros., 1122 Howard St. (3)
Portland: Montgomery Bros., 1815 N.W. Northrup St. (9)
Seattle: Montgomery Bros., 911 Western Ave.

PENETRAY CORP., 615 Front St., Toledo 5, Ohio

PEERLITE MFG. & SUPPLY CO., 178 5th St., San Francisco, Calif.

PERFECTION STOVE CO., 1280 45th St., Oakland 8, Calif.

PHILCO CORP., Electric Range Div., 151 Lafayette, Mt. Clemens, Mich.

PHILCO CORP., Philadelphia 34, Penn.
*(Philco refrigerators, radios, ranges, etc.)*
**Distributors:**
Long Beach: H. T. Waller Inc., 645 W. 15th St.
Los Angeles: Philco—Los Angeles, 3631 Union Pacific Ave.
San Bernardino: Great Counties Appl. Dists., P. O. Box 489
Santa Barbara: Coast Counties Dists., 122 Helena Ave.
San Diego: R. E. Harris, Inc., Corner Front & Ash Sts.
San Francisco: Dallman Co., 685 7th St.
Fresno: Devlin-Drew Co., P.O. Box 1326
Bakersfield: Devlin-Drew Co., Calif. & Oak St.
Colton: C. & C Appliances Inc., 460 W. J St.
Sacramento: Dallman Co., 6th & Q St.
Reno: Osborne & Dermody, Inc., 253-255 Chestnut St.
Portland: Appl. Wholesalers of Oregon, 600 N. W. 14th Ave.
Seatle: Radio, Television & Appl. Inc., 510 Westlake N.
Phoenix: Momsen-Donnegan & Ryan Co., 11 E. Buchanan St.
Spokane: Inland Empire Wholesalers, 110 S. Wall St.
Salt Lake City: Strevell-Paterson Hdwe. Co., 126 S. W. Temple St.
Billings: Parker Montana Co., Box 1173
Denver: Walter Slagle & Co., 725 S. Broadway
Albuquerque: Momsen - Dunnegan & Ryan Co., 1501 N. 12th St.
Honolulu: Service Motor Co. Ltd., 91 S. King St.

PIONEER ELECTRONICS CORP., 2232 Broadway, Santa Monica, Calif.
*(Pioneer Glow Control picture tubes)*

PLAY PRODUCTS INC., 4223 Ocean Park Ave., Venice, Calif.

PORTABLE ELEVATOR MFG. CO., Refrig. Division, Bloomington, Ill.

PREMIER VACUUM CLEANER Division.
(See General Electric Co.)

PRESTELINE HOME APPLIANCES, 612 N. Michigan Ave., Room 205, Chicago 11, Ill.
(See Leeson Steel Products Inc.)

PREVORE ELEC. MFG. CORP., Fulton St. at Clinton Ave., Brooklyn 16, N. Y.
**Factory service only.**

PROCTOR ELECTRIC CO., 322 W. Hunting Park Ave., Philadelphia 40, Pa.
*(Proctor automatic electrical appl.)*
Phoenix: Vinson-Carter Elec. Co., 325 4th St.
Tucson: Grabe Electric Co., 26 E. Congress St.
Bakersfield, Calif.: Urner's, 2006 Chester Ave.
Fresno: L. F. Ballmer Service, 2430 Stanislaus
Long Beach: Calif. Elec. Serv., 1407 E. 4th St.
Los Angeles: Elec'l. Appl. Service, 726 W. Venice Blvd.; Calif. Elec. Service Sta., 832 S. Alvarado
Oakland: Paul Morrison, 201 12th St. (12)
Sacramento: Lam-Co. Electric, 1415 21st St. (14)
San Diego: J. F. Zwiener Elec. Co., 1241 1st Ave.; Electric Appl. Service, 726 W. Venice Blvd.
San Francisco: (5); Elec'l Appl. Service Corp., 444 6th St.
Santa Barbara: Thorne Electric Co., 933 Anacapa
Stockton: The Electric Shop, 41 N. American St.
Colorado Springs: Modern Service Co., 12 E. Colorado Ave.
Denver: Western Appl. & Elec. Co., 1159 Stout St.
Billings: Billings Elec. Supply Co., 208 N. 29th St.
Butte: Radio Eng. & Service, 219 W. Park St.
El Paso: Wayne M. Tinkler & Co., 813 Cedar St.
Ogden: Coray Clock & Appl. Service, 2420 Grant Ave.
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: Howell's Electric, 522 Union St.
Reno: Moltzen & Fitch Elec. Co., 275 S. Virginia St.
Eugene: Leach Service Co., 127 S. 6th St.
Klamath Falls: C & S Elec. Co. 1070 Willamette St.
Medford: Trowbridge & Flynn Elec. Co., 214 W. Main St.
Portland: Bressie Elec. Co., 909 S. W. 5th Ave.
Spokane: Spokane Appl. Repair, S. 173 Wall St.
Tacoma: Ajax Elec. Co., 746 Market St.
San Jose: D. & S. Repair Service, 402 W. Santa Clara St.

PRYNE & CO. INC., P. O. Box 698, Pomona, Calif.
*(Blo-Fan and Aerofan exhaust ventilators, Pry-Lite fixtures, Glomaster wall heaters, Rittenhouse door chimes and signal transformers)*
**Distributor:**
Pomona: Pryne-Rittenhouse Sales Corp., 140 N. Towne Ave.

RCA ESTATE APPLIANCE CORP., Radio Corp. of America Subsidiary, Hamilton, Ohio
*(RCA Estate ranges, (gas and electric); RCA Heatrolas), space heaters)*
**Division Manager:**
San Mateo, Calif.: C. M. Christensen, Apt. 228-B, Hillsdale Gardens, W. 36th St.

RADIA HEATER & FANS
(See Shepler Mfg. Co.)

RADIANT LAMP CORP., 300 Jelliff Ave., Newark 8, N. J.
**Western Office:**
2665 Hollyridge Drive, Hollywood, Calif.

RADIO CORP. OF AMERICA; RCA Victor Div., Camden, N. J.
*(Radio, television, tubes, records, electronics, Victrolas)*
**Service Stations:**
Hollywood: W. K. Charles, 911 N. Orange Drive (38)
Lynwood: W. E. Thackrey, 11146 Atlantic Ave.
Oakland: F. R. Carpenter, 1401 Middleharbor Road (12)
San Diego: E. W. Degner, 2727 Adams Ave. (4)
San Francisco: D. R. Brown, 2640 Bayshore Blvd. (24)
Salt Lake City: J. K. Stewart, 3019 S. State St. (6)
Seattle: L. E. Wirth, 2727 Second Ave. (1)
Portland: J. E. Cohoat, 3000 N. E. Killingsworth St.
Spokane: L. E. Traeger, 1202 N. Monroe St.
Honolulu: J. W. Ward, 206 Koula St.

RAINIER ELECTRIC OVEN & ENG. CORP., 1419 Jackson St., Seattle 44, Wash.
*(Electric, gas and oil ovens)*
**Factory service.**

RAVENNA METAL PRODUCTS CORP., 6518 Ravenna Ave., Seattle 5, Wash.
*(Electro Jet and Electro Panel heating systems)*
**Service Stations:**
Seattle: Electric Heating Center, 228 Broadway N.
Vancouver: Ravenna Moen Ltd., 1774 Robson St.

RAY LITE GLASS CO., 3172 Santa Ana St., South Gate, Calif.

RECO FOOD MIXERS
(See Reynolds Elec. Co.)

RECORDIO, RECORDIA, RECORDIO POINTS (See Wilcox-Gay Corp.)

RED SEAL APPLIANCE CO.
(See Samson United Corp.)

RED SPOT ELEC. CO., 7405 S. Tacoma Way, Tacoma 9, Wash.

REGINA CORP., Rahway, N. J.
*(Floor polishers)*
**Representative:**
Los Angeles: J. A. Scharfe, 520 W. 7th St. (14)

RELIANCE AUTOMATIC LIGHTING CO., 1927 Mead St., Racine, Wis.

REMINGTON RAND INC., Electric Shaver Division, 60 S. Main St., Bridgeport 2, Conn.
*(Remington Rand shaver)*
**Remington Rand service stations:**
San Francisco: 41 First St.
Oakland: 2035 Franklin St.
Fresno: 1242 Van Ness Ave.
Sacramento: 1107 J St.
Los Angeles: 643 S. Olive St.
Hollywood: 1655 N. Cherokee Ave.
San Diego: 926 C St.
Long Beach: 356 E. 3rd St.
San Jose: 389 W. Santa Clara Ave.
Portland: 325 S. W. Pine St.
Seattle: 1910 Fourth Ave.
Tacoma: 1003 A St.
Spokane: N. 106 Monroe St.
Boise: 609 Bannock St.
Salt Lake City: 177 E. 2nd South St.
Tucson: 191 E. Broadway (Agt.)
Phoenix: 128 S. Central Ave. (Agt.)
Albuquerque: 1000 N. 2nd St.
Colorado Springs: 321 S. Tejon St.
Denver: 620 W. Colfax Ave.
Butte: 64 E. Broadway.
Ogden: 241 24th St.

REMLER CO. LTD., 2101 Bryant St., San Francisco (10), Calif.
**Representative:**
Seattle: William R. Zinn, 6305 49th Ave., S.W. (6)

REVELATION CO., Div. of Interstate, 2250 E. Imperial Highway, El Segundo, Calif.

REVELL INC.
(See Play Products Inc.)

REVERE CLOCK CO., McMillan and Dover, Cincinnati, Ohio.
*(Mantel chime clocks, tubular chiming floor clocks)*
**Service Stations:**
Sacramento: Lam-Co Electric Co., 1415 21st St.
San Francisco: Washington Clock Co., 2998 Washington St.; W. R. Scott, 657 Mission St.
Los Angeles: Calif. Clockmakers Guild, 7975½ Melrose Ave.; The American Clock Co., 315 W. 5th St.
Portland: O. B. Swearingen, 316 Panama Bldg.
Seattle: Clock Shop, 325 Joshua Green Bldg.; Fred C. Brown, 110 E. 57th St.
Salt Lake City: Time & Instrument Co., 57 Richards St.
Phoenix: Smith's Clock Shop, 1512 N. 7th Ave.
Denver: Midwest Electric Service Co., 1124-26 Santa Fe Drive; Mint Radio Service, 339 13th St.
Fresno: The Clock Shop, 1418 Fulton St.
Spokane: Moon's Clock Service, 175 S. Post St.

REXAIR DIVISION, MARTIN-PARRY CORP., P.O. Box 964, Toledo, Ohio
*(Rexair cleaner and conditioner)*
All Rexair branch offices handle service

REYNOLDS ELECTRIC CO., 3000 River Rd., River Grove, Ill.
*(Reco food mixers, vegetable peelers, choppers, slicers, air circulators, flasher controls, fractional hp motors)*
**Factory service only.**

RITTENHOUSE CO. INC., THE, Honeoye Falls, N. Y.
*(Electric door chimes, transformers)*
**Service Stations:**
Los Angeles: Pryne & Co. Inc., 1561 W. Venice Blvd.
San Francisco: McMillen-Stanley Co., 778 Natoma St. (3)

RIVAL MFG. CO., 2200 Oak St., Kansas City 8, Mo.
*(Steam-O-Matic iron; Fry-O-Mat deep fat fryers, Broil-O-Mat rotisseries and infrared broilers)*
**Service Stations:**
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd. (15)
Sacramento: Lameo Electric, 1415 21st St.
San Diego: Electrical Appliance Service Co., 302 17th St.
San Francisco: Electrical Appl. Service Co., 1434 Howard St.
Denver: Midwest Elec. Service, 1124 Santa Fe Drive
Portland: W. L. May Co., 213 N. W. Park Ave.
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Seattle: City Electric & Fixture Co., 2014 3rd Ave.

ROGERS, CHAS. R., 151 2nd Ave., San Mateo, Calif.
*(Commercial refrigeration, frozen food cabinets, walk-in coolers and freezers)*

ROTAREX (See Apex Rotarex Corp.)

ROTISS-O-MAT CORP., 10-02 44th Drive, Long Island City, N. Y.

ROYAL VACUUM CLEANER CO., 540 E. 105th St., Cleveland 8, Ohio
*(Royal vacuum cleaner)*
**Service Stations:**
Los Angeles: Blakeman Appliance Co., 4153 S. Figueroa (37)
Portland: Eureka Electric Co., 510 S.W. Salmon St. (4)
Spokane: Orens Radio & Electric, 1827 E. Sprague Ave.
**Parts Distributors:**
Los Angeles: Louis Clark, 2141 W. Washington Blvd. (18); Electrical Appliance Service Corp., 726 Venice Blvd. (15)
San Francisco: Noel Vacuum Cleaner Co., 523 Valencia (10)
Denver: Austin & Son, 1819 Wazee St. (2)
Boise: Karre Appliance Repair, 1511 State St.
Portland: Stark's Vacuum Cleaner Sales, 20 S. E. Grand St. (14)
Salt Lake City: Western Royal Vacuum Cleaner Co., 175 E. Broadway (1)
Seattle: Poole Electric Co., 1116 4th Ave.

RUSTIC CRAFTS CO., INC., 29 Humphrey St., Englewood, N. J.
**Representative:**
San Francisco: A. C. Maryon Co., Market at 10th St.
Billings: P. P. Sparling, 204 Ave. F.

RUTENBER ELECTRIC CO., Marion, Ind
*(Marion household servants, elec. heating & cooking appl., elec. ranges)*
**Distributors:**
Seattle: Globe Elec. Co., 307 1st Ave. S.
Spokane: Electric Center, W. 508 2nd Ave.

**RUUD MFG. CO.,** 2934 Smallman, Pittsburgh (1), Pa.; 3320 Leonis Blvd., Los Angeles 11, Calif.
**Distributors:**
San Francisco: H. R. Basford Co., 235 15th St.
Portland: Alvin R. Bravender, 125 N. W. 5th St. (9)
Kansas City: Elmer W. Cone Co., 609 E. 11th St. (6) (for Utah, Colo., Wyo.)
Fort Worth: R. E. Cady, 801 T & P Term. Whse. Bldg., 70 Jennings Ave. (for Texas, N. M.)

**SAFE-FLEX**
(See Samson United Corp.)

**SAFETY ELEC. CO.,** 53 W. Jackson Blvd., Chicago 4, Ill.
*(Incandescent carbon lamps)*

**ST. CLAIR ELEC. PROD. CO.,** P.O. Box 60, St. Clair, Mich.

**SAMSON UNITED CORP.,** — Red Seal Appl. Corp., 1700 University Ave., Rochester 10, N. Y.
*(Samson, Red Seal, Safe-Flex)*
**Service Stations:**
Denver: Midwest Elec. Wiring Co., 1124-26 Santa Fe Drive
Salt Lake City: Time & Instrument Co., 57 Richards St.
Los Angeles, Authorized Parts & Service Co., 1432 W. Pico Blvd., (15).
San Diego: Elec'l. Appl. Service Corp., 302 17th St.
San Francisco: P & D Appliance, 1414 34th Ave.
Seattle: J. M. Hooper Elec. Co., 222 Marion St.
Portland: Bressie Elec. Co., 909 S. W. 5th.

**SAVAGE ARMS CORP.,** Utica, N. Y.
**Service Stations:**
Denver: Ray Jones Washing Machine Parts & Repair Co. (9)

**SCHICK SERVICE INC.,** 45 Garden St., Stamford, Conn.
**Service Stations:**
Long Beach: 110 Pine Ave.
Los Angeles: 443 S. Spring St. (13)
Oakland: 204-205 Broadway Bldg., 1419 Broadway (12)
San Francisco: Monadnock Bldg. Arcade No. 5
Portland: 1134 American Bank Bldg., 621 S. W. Morrison St. (5)
Salt Lake City: Third South & Main
Seattle: 1220 Third Ave. (1)
San Diego: 534 Bank of America Bldg., 625 Broadway.
Denver: 220-222 Commonwealth Bldg., 728 15th St. (2)
Salt Lake City: 207 Judge Bldg., 8 E. Broadway

**SCOTT & FETZER CO.,** 1920 W. 114th St., Cleveland 2, Ohio
*(Kirby home renovation system)*
District office: Westerners, Inc., 201 Medical Arts Bldg., Vancouver, Wash. Henry Reznichek, president.
Branch office: Westerners, Inc., 420 N. Broadway, Portland 12, Ore. Henry Reznichek, president.
Parts office: Kirby Parts Corp., 420 N. Broadway, Portland 12, Ore.
**Distributors:**
Phoenix: Kirby Sanitation System, 1610 N. 7th St.
Alhambra: Kirby Vacuum Cleaner Co., 736 S. Garfield Ave.
Bakersfield: Kirby Co. of Bakersfield, 821 18th St.
Chico: Kirby Co. of Chico, 1810 Esplanade Drive
Compton: Kirby A-1 Co. of Los Angeles, 2610 E. Olive St.
Fresno: Kirby Co. of Fresno, 2304 Tulare St.
Long Beach: Kirby Co. of Calif., 2194 Lakewood Blvd. (15)
Los Angeles: Taylor Corp., 1206 Maple Ave. (15)
Oakland: Kirby Co., 583 16th St. (12)
Pasadena: Kirby Co. of Pasadena, 25 N. Santa Anita Ave. (8)
Redding: Kirby Co. of Redding, 1046 Locust St.
Redwood City: Kirby Co. of Central Calif., 251 El Camino Real
Sacramento: Kirby Co. of Sacramento, 1932 Stockton Blvd.
San Bernardino: Kirby Vac. Cleaner Co., 1251 E St.
San Diego: Kirby Co. of W. San Diego County, 941 C St. (1)
San Jose: Kirby Co. of San Jose, 492 N. 13th St.
San Luis Obispo: Kirby Co., 1226 Osos St.
Santa Rosa: Kirby Co. of Santa Rosa, 938 W. College Ave.
Stockton: Central Valley Kirby Co., 831 E. Main St.
Ventura: Kirby Co., 371 N. Ventura Ave.
Walnut Creek: Kirby Co. of Walnut Creek, 2009 Mt. Diablo Blvd.
Denver: Kirby Co. of Denver, 3722 W. Colfax Ave. (4)
Greeley: Kirby Co., 625 8th Ave.
Pueblo: Kirby Co. of So. Colo., 410 W. 24th St.
Bremerton: Kirby Co. of Bremerton, 704 Ninth St.
Seattle: Kirby Co. of Seattle, 1021 Stewart St.
Spokane: Kirby Co. of Spokane, 3128 E. Sprague.
Tacoma: Kirby Co. of Tacoma, 3521 6th Ave.
Yakima: Kirby Co. of Central Wash., 904½ E. Yakima Ave., Box 43
Boise: Kirby Co., 302 Capitol Blvd.
Idaho Falls: Kirby Co. of E. Idaho, 240 S. Water Ave.
Lewiston: Kirby Co., 1604 G St., P.O. Box 314
Twin Falls: Kirby Co. of Magic Valley, 312 8th Ave. E.
Billings: Kirby Co.—Midland Empire, 2926 2nd Ave. N.
Great Falls: Kirby Co., 515 First Ave. N.
Missoula: Kirby Dist. Co. of Missoula, Box 823
Reno: Kirby Co. of Nevada, 1635 Phillips St.
Albuquerque: Kirby Co. of N.M., 4517 E. Central
Salt Lake City: Kirby Co. of Utah, 1639 S. State St. (15)
Casper: Kirby Co. of Central Wyo., 862 S. Spruce
Cheyenne: Kirby Co. of E. Wyo., 607 E. 16th St.
Honolulu: Kirby Co. Ltd., 2788 Kaimuki Ave. (15)
Portland: Kirby Co., 2702 N. E. Broadway (13)

**SCOVILL MFG. CO.**
(See Hamilton Beach Co.)

**SEEGER REFRIGERATOR CO.,** St. Paul 6, Minn.; Evansville 7, Ind.
Contract producers of Nat'l. brands including Coldspot Electric refrigerator.
*(Coldspot Electric Refrigerator)*
Serviced through Sears, Roebuck & Co. stores exclusively

**SENTINEL RADIO CORP.,** 2100 Dempster St. Evanston, Ill.
*(Sentinel radios and television sets)*
**Distributors:**
Phoenix: Arizona Mercantile Co., P.O. Box 3605
Denver: Interstate Radio & Supply Co., 1639 Tremont Place; Niles Phonograph & Radio Co., 505 14th St. (2)
Portland: North Coast Electric Co., 625 Everett Ave.
Seattle: Stusser Electric Co., 2246 First Ave. S. (4)
Boise: Idaho Hdwe. & Plumbing Co., P. O. Box 547
Pocatello: Billmeyer's, 240 S. Arthur St.
Great Falls: Music Service Co., 204 4th St. S.
Idaho Falls: Schwendiman Distributing Co., 380½ E St.
Sacramento: Superior Sales Co., 1808 Q St. (14)
San Diego: Western Radio & TV Supply Co. Inc., 1415 India St.
Los Angeles: Sentinel Radio Corp., 434 S. Robertson Blvd.
Ogden: George A. Lowe Co. Inc., 101 21st St.
Cheyenne: Houge Radio & Supply Co., 2008 Carey Ave.
Albuquerque: J. Korber & Co., 220 N. 2nd St.; Charles Ilfield Co.

**SERVEL INC.,** Evansville, Ind., Electric Refrigerator Division.
Branch office: 431 Colyton St., Los Angeles 13, Calif.—Carl L. Olin, Western States manufacturer's agent.
**Distributors:**
Seattle: Refrigeration Eng. Corp., 2120 2nd Ave. (1)
Spokane: E. S. Matthews, 151 So. Post St.
Denver: Robbins Fixture Co., 937 Santa Fe Drive.
Salt Lake City: N. O. Nelson Co. 380 W. 2nd South (1)
San Bernardino: Valley Refrigeration Supply Co., 999 W. 3rd.
San Francisco: Marine Elec. Co., 195 Fremont St.
Fresno: (sub-distributor) Conditioned Air Refrigeration Co., 249 N. H St.
San Diego: Mack's Refrig. Co., 4206 Fairmont Ave.
Phoenix: Arizona Refrig. Supplies, 231 S. Central Ave.; Ace O'Hara Co., 2614 E. Washington
El Paso: M & M Refrigeration & Electric Supply Co., 2505 Texas St.
Las Vegas: Ajax Corp. of So. Nevada, 711 N. Main St.
Tucson: Tucson Machine & Engineering Co., 338 N. 4th Ave.
Los Angeles: Arrow Refrigeration Supply, 1337 S. Atlantic Blvd. (22); Refrigeration Supplies, 3464 W. First St. (4)
Sacramento: Nystroms Refrigeration & Air Conditioning Co., 750 Robertson (sub-distributor)
San Jose: (sub-distributor) A. C. Pond Co., 415 S. First St.
Pueblo: N. O. Nelson Co., 118-22 E. River St.
Reno: (sub-distributor) Thermo-O-Matic Refrigeration Supply Co.
Albuquerque: Yucca Wholesalers Inc., 2220 N. First St.

**SETH THOMAS CLOCKS,** Thomaston, Conn.
San Francisco: Schloss Mfg. Co., 540 Mission St. (5)
Portland: Alder Street Clock Shop

**SHAVEX CO.,** 3456 Glendale Blvd., Los Angeles 39, Calif.
*(Rectifier device for electric shavers, changes a-c to d-c. Attachments for using small appliances in automobile, including electric shavers)*

**SHEPLER MFG. CO.,** 1229-43 Goebel St., Pittsburgh 33, Pa.
*(Radia fans, heaters and logs)*
**Factory service for parts.**

**SHETLAND CO. INC.,** 69 Bennett St., Lynn, Mass.
*(Shetland all-purpose electric polisher, Twin-brush polishers and scrubbers)*
**Service Stations:**
Fresno: L. F. Ballmer, 2430 Stanislaus
Sacramento: Lameo Electric, 1415 21st St.
San Francisco: Appliance Service Factors, 123 Steuart St.
Denver: Western Repair & Electric Co., 1203 California St.
Butte: Radio Eng. & Service, 219 W. Park St.
Portland: Morrison Electric Co., 1206 S. W. Washington
Seattle: J. M. Hooper Electric Co., 222 Marion St.
Spokane: Spokane Appliance Repair, S. 173 Wall St.

**SIGHT LIGHT CORP.,** Deep River, Conn.

**SIGNAL ELECTRIC MFG. CO.,** Menominee, Mich.
*(Electric desk, pedestal, vent and exhaust fans, portable electric drills)*
**Factory service only.**

**SILENT SIOUX CORP.,** 208-212 W. College Ave., Orange City, Iowa

**SILEX CO.,** Hartford 2, Conn.
*(Silex coffeemaking equipment, steam irons)*
**Service Stations:**
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave.
Tacoma: Ajax Electric, 747 Fawcett Ave.
El Paso: Wayne M. Tinkler & Co., 813 Cedar at Five Points
Denver: Midwest Elec. Service Co., 1126 Santa Fe Drive.
Los Angeles: Calif. Elec. Co. 832 S. Alvarado St.
San Diego: J. F. Zweiner Co., 1242 First Ave.
San Francisco: Calif. Elec. Service Inc., 168 First St.
Portland: Morrison Elec. Service Co., 1206 S. W. Washington Ave. (5)

**SIMPLEX IRONER** (See Speed Queen Corp., ironer division)

**SINGER SEWING MACHINE CO.,** 149 Broadway, New York, N.Y. Singer Household Iron Serviced and repaired by any local Singer Sewing Center.

**SMITH, A. O., CORP.,** 3533 N. 27th St., Milwaukee 1, Wis.
*(Electric motors and water heaters)*

**Permaglas—Heating Division Distributors:**
Phoenix: Arizona Hardware Co., First and Jackson St.
Sacramento: Dallman Co., 6th & Q St.
San Francisco: Dallman Co., 7th and Townsend St.
Oakland: Dallman Co., 2103 E. 12th St.
Fresno: Dallman Co., 414 P St.
Spokane: True's Distributing Co., N. 730 Hamilton St. (2)
Honolulu: Honolulu Gas Equipment Co., 1135 Kona St.

**Electric Motor Service Stations:**
Anchorage, Alaska: Alaska Elec. Equipment Co., Box 42
Phoenix: DeBerge Electric Co., 550 W. Washington St.
Tempe: Tempe Appl. & Elec. Co., 395-397 Mill Ave.
Tucson: Miller Motor Rewinding Shop, 2701 E. Seneca
Bakersfield: Industrial Elec. Motor Service, 418 Baker St.
El Centro: Joe Bush Electric, 1300 Imperial Ave.
Eureka: Senn Electric, 1801 Fairfield
Fresno: Electric Motor Shop, 253 Fulton St.
Los Angeles: Roy M. Butcher, 510 W. San Fernando St.
Manteca: Reibin's Service Shop, 213 W. Yosemite Ave.
Marysville: Kinney Electric, 818 5th St.
Oakland: Scott-Buttner Elec. Co. Inc., 896 W. Grand at Market
Redding: Redding Industrial Elec., Highway 99 South
Sacramento: Stone Electric Motor Service, 1442 Del Paso Blvd., N.
Salinas: Quality Elec. Co., 211 E. Market St.
San Diego: Calif. Elec. Works, 424 8th Ave.
San Francisco: O'Keeffe's Inc., 55 11th St. (3)
Stockton: Frenchie the Motorman, 1630 N. Wilson St.
Tracy: Hart Electric Shop, 243 E. Highland
Tulare: Turnupseed Elec. Service Inc., 340 E. Inyo St.
Visalia: Langdon Electric Motor & Pump Co., 410 E. Main St.
Boise: Missman Elec. Co., 2304 N. 26th St.
Idaho Falls: Rossiter Electric Sales & Service, 204 N. Capitol Ave.
Pocatello: C-L Elec. Co., 410 S. Main St.
Twin Falls: Electric Service Co., 364 2nd Ave., E.
Billings: Lockrem Elec. Co., 1710 1st Ave., N.
Butte: Johnston Electric Shop, 212 S. Montana
Great Falls: Electric Motor Service Co., 109 2nd St., S.
Helena: Houston Elec. Co.
Kalispell: Hollingsworth Elec. Co.
Missoula: Industrial Elec. Co., 123 W. Alder St.

Reno: Brown Milberry Inc., 322 Sierra St.
Albuquerque: Electric Motor Co., 1801 E. Campus Blvd.
Eugene: Keith's Elec. Motor Service, 678 Olive St.
Medford: Gage Elec. Motor Service, Inc., 112 N. Front St.
Portland: L. A. Walker Elec. Works, 206 N.W. 10th Ave.

Roseburg: Al's Elec. Motor Shop, 602 Winchester St.
Salt Lake City: Electric Motor & Supply Co., 351 W. 4th St.
Seattle: Seattle Elec. Works, 118 Fifth Ave. N. (9)
Spokane: Nixon-Kimmel Elec. Mach. Co., 167 S. Wall St. (8)
Walla Walla: Berry Elec. Co., 301 3rd Ave., S.
Wenatchee: Electric Motor Service, 404 S. Wenatchee Ave.
Yakima: Cooper Elec. Motor Service, 205 S. 4th Ave.
Casper: Electric Service Co.
Cheyenne: Electric Motor Co., 1710 O'Neil

**SON-CHIEF ELECTRICS INC.,** Winsted, Conn.
*(Son-Chief and Magic Maid appliances)*
Los Angeles: Calif. Elec. Service Station, 932 S. Alvarado St.
Seattle: J. M. Hooper Elec. Co., 222 Marion St.
Portland: Morrison Elec. Co., S. W. Washington at 13th.
San Francisco: P. & D. Appliance, 1414-34th Ave.
Denver: Midwest Elec. Service Co., 1124-26 Santa Fe Drive.
Amarillo: Panhandle Appl. Service, 407 N. Fillmore.

**SOUTHERN HEATER CO.,** P.O. Box 629, Compton, Calif.

**SPARTON RADIO-TELEVISION** (Div. of the Sparks-Withington Co.) Jackson, Mich.
**Service Stations:**
Phoenix: Frank M. Siegmund Co., P. O. Box 162
Long Beach: Allied Electronic Co., 1411 Magnolia Ave. (13); Bill Brittle, 4444 Faculty Ave.
Los Angeles: LeRoy Miller, 1421 S. Flower St. (15)
Pomona: Reliable Television Service, 340 W. 5th Ave.
Richmond: Television Service Engineers, 3832 MacDonald Ave.
Riverside: Associated Television Service, 3305 7th St.
San Francisco: Carroll's, 1635 Market St.; K. W. Curtiss Co., 1355 Market St.
Denver: Eric M. Shedine, 620 E. 17th Ave.
Albuquerque: Crown Engineering, 3821 Commercial, N.E.
Salt Lake City: Kanell-Solt, 703 S. Second W.; E. M. Royle, 246 S. Main St.
San Diego: Western Communications Co., 3820 4th St. (3)
Portland: Saelens Radio Co. Inc., 1605 N.W. Everett St. (9)
Seattle: Seattle Television Service, 3129 Western Ave.; Robinson Distributing Corp., 3129 Western Ave. (1)
Spokane: Northwest Radio & TV, 3916 N. Division
Honolulu: Sparton of Hawaii, P.O. Box 3893

**SPEED QUEEN CORP.,** Ironer division, Algonquin, Ill.—Formerly Barlow & Seelig Mfg. Co.
*(Simplex ironers)*
**Service stations:**
Los Angeles: Electric Appliance Service, 726 W. Venice Blvd. (15); Washing Machine Parts Co., 1241 S. Hope St. (15)
San Francisco: Electrical Appliance Service, 236 Harriet St. (3); Washing Machine Parts Co., 1375 Mission St.
San Diego: Washing Machine Parts Co., 1743 India St. (1); Electrical Appliance Service, 302 17th St.
Portland: W. L. May Co., 215 N.W. Park Ave. (9)
Seattle: Appl. Parts & Service, 214 Stewart St. (1)
Spokane: Spokane Paper & Stationery Co., 152 S. Jefferson
Salt Lake City: Salt Lake Hardware Co., 105 N. 3rd St. (9)
Denver: McCollum-Law Corp., E. 48th Ave. at Colorado Blvd.; Morey Mercantile Co., P. O. Box 5150, Terminal Annex
Billings: Taylor Dist. Co., 4148 S. 1st Ave.

**SPEED QUEEN CORP.,** Ripon, Wis.—Formerly Barlow & Selig Mfg. Co. *(Speed Queen Washers, Ironers and Dryers)*
**Service Stations:**
Phoenix: Gough Industries Inc., 917 W. Madison St.
Long Beach: Home Service Co., 2100 E. 4th St. (14)
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd. (15); Washing Machine Parts Co., 1241 S. Hope St. (15); Gough Industries Inc., Box 2768 Terminal Annex.
Sacramento: Dallman Co., 6th & Que Sts.; Al Bedard's Parts Supply, 1626 N. C St. (15)
San Diego: Gough Industries Inc., 3255 5th Ave.; Washing Machine Parts Co., 1743 India St. (1); Electrical Appl. Service Corp.
San Francisco: Electrical Appl. Service Corp., 236 Harriet St. (3); Washing Machine Parts Co., 1375 Mission St. (3) Dallman Co., 7th & Townsend Sts.
Portland: Lou Johnson Co., 422 N.W. 8th; W. L. May Co., 215 N. W. Park Ave.
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1); J W. Phillips Dist. Co., 2601 Second Ave.
Spokane: Tubbs Electric Co., 165 S. Post St.; Appliance Parts & Service Co., 609 W. Trent Ave. (8)
Parts & Service Co., 609 W. Trent Ave. (8)
Ogden: Geo. A. Lowe Co.
Denver: Morey Mercantile Co., Box 5150, Terminal Annex (17) Ray Jones Washing Machine & Repair Parts Co., 376 So. Broadway (9)
Boise: Afton Lemp Electric Co., 415 So. 9th St.
Billings: Billings Elec. Supply, 214 W. 30th St.
Great Falls: Service Center Co., 15 7th St. N.

**SPEEDWAY INC.,** 1834 So. 52nd Ave., Cicero, 50, Ill.
**Parts distributors:**
Oakland: Automotive Equipment Service, 293 26th St. (12)
Los Angeles: Fred G. Littlejohn, 4511 Melrose Ave. (29)

**SPERTI FARADAY INC.,** Adrian, Mich.
*(Bells, buzzers, horns, chimes, signaling devices and paging, annunciator and fire alarm systems for hospitals, schools, stores and industry)*
**Western Representatives:**
San Francisco: Chas. A. Meier, 1473 Harrison St.
Los Angeles: Robert M. Schow, 1709 W. 8th St.
Salt Lake City: Leonard Slusser, 318 Dooly Bldg.
Denver: Gaer, Florance & Assoc., P.O. Box 3096, E. Colfax Station
Phoenix: Wm. Benndorf Co., P.O. Box 1926
Seattle: W. W. Wheat & Son, 560 First Ave S.

**SPRINGACTO IRON CORDS** (See Waage Mfg. Co.)

**STANDARD ELECTRIC TIME CO.,** THE, 89 Logan, Springfield 2, Mass.
*(Standard clock and program systems, hospital signal systems, precision timers, chrono-tachometers, laboratory panels)*
**Service Stations:**
Los Angeles: 5405 Sheila St.
San Francisco: 16 Beale St.
Denver: 1925 Blake St.
Salt Lake City: 264 E. First South St.
Seattle: 709 New World Life Bldg.
Honolulu: 1471 Kapiolani Blvd.

**STAR MFG. CO.** Div. of Hercules Steel Products Corp., 6300 St. Louis Ave., St. Louis 20, Mo.
*(electric appliances)*
Parts available through dealers and the following service stations:
San Francisco: Appliance Service Factors, 123 Steuart St. (5)
Los Angeles: Sterling Service Co., 927 S. Grand Ave. (15)
Portland: Bressie Elec. Co., 79 S. W. Oak St.
Seattle: J. M. Hooper Electric Co., 222 Marion St.

**STEAM ELEC. MFG. CO.,** 3456 S. Grand Ave., St. Louis 18, Mo.

**STEAM-O-MATIC,** Waverly Products, Inc., 2200 Oak St., Kansas City, Mo. (See Rival Mfg. Co.)

**STEIGER & KERR STOVE FOUNDRY CO.,** Irvington, Calif.

**STERLING APPLIANCES** (See Chicago Electric Mfg. Co.)

**STERN-BROWN INC.,** 42-24 Orchard St., Long Island City, N. Y.
*(Superstar, Du-All broilers, Thermo Mastergrill and waffle iron, Toastrite, Twin Snackette, Broil-O-Grill, Rotisserie & Broiler Combination)*
San Francisco: Appliance Service Factors, 123 Steuart St.
Los Angeles: Calif. Elec. Service Inc., 832 S. Alvarado St.
Portland: Arrow Elec. Co., 833 S.W. Front Ave. (14)

**STERRO WASHERS** (See Vidrio Products Co.)

**STEWART-WARNER ELECTRIC,** Div. Stewart-Warner Corp., 1300 N. Kostner Ave., Chicago 51, Ill.
*(Radios, phonographs, television)*
**Distributors:**
Phoenix: Chic Myers Dist. Co., 1518 E. Van Buren St.
Los Angeles: Harry L. Shane Inc., 160 W. 33rd St.
Riverside: Frank A. Nelson Co., 4050 11th St.
San Francisco: Wholesale Radio & Electric Supply, 140 9th St.
Albuquerque: S & W Wholesale Distributors, 5003 Central Ave. N. E.
Portland: Home Makers Supply Co., 824 S. W. 18th St.
Butte: Montana Hardware Co., 823 S. Montana
Great Falls: Montana Hardware Co., P.O. Box 1219
Salt Lake City: Mountain States Distributing Co., 622 S. State St.
Seattle: Whirlpool Northwestern Co., 925 Westlake N.
**Service Stations:**
Phoenix: Grand Avenue Radio & TV Co., 915 Grand Ave.
Escandido: Lewis Radio & Television, 158 W. Ohio
Los Angeles: Los Angeles Radio & Sound Maintenance, 3304 W. Washington St.; Henning Television & Radio, 1523 Riverside Drive; Nadal's Radio Service, 6114 Crenshaw Blvd.
North Hollywood: Bob Jackson Radio Co., 6266 Lankershim Blvd.
San Bernardino: Wagoner's Radio & Television Service, 633 2nd St.; Deardorff's Radio & TV, 277 E. Baseline; Clark's Radio & TV, 840 E. Baseline; Jarvis Radio & Television, 4137 N. F St.
San Diego: Scotty's Television Service, 2302 30th St.; United Radio Service, 940 University Ave.; Lewis Radio & TV, 158 W. Ohio; Fred Vavra & Sons, 4920 41st St.
San Francisco: Service Radio Wholesale, 1357 Post St.
Santa Ana: Menzio Tele-Sound, 401 Fruit St.; Kohlenberger Radio Sales & Service, 115 E. 2nd St.
Pomona: Joe's Radio Service, 524 W. 5th Ave.
Glendale: Smith's Radio & Television Service, 414 N. Glendale Ave.
Chino: Chino Radio Service, 413 So. 6th St.
Bell: Ra-Tel Eng. Co., 4321 E. Gage Ave.
Arlington: Legion Radio & TV Service, 10557 Magnolia Ave.
Oakland: Duffey's Radio & TV, Service Center, 225 E. 14th St.
Denver: Austin & Son, 1819 Wazee St.
Albuquerque: Appliance Laboratories, 417½ W. Fruit Ave.; Ladd's Radio & TV Service, 305 S. Broadway
Portland: Black Frost Co., 3755 S.E. Hawthorne; Lyle Covert, 14700 S.E. Rhine; McKerman's Radio Service, 6674 S.E. Milwaukee.
Salt Lake City: Airwave Radio & Television, 338 W. 1st, S.
Renton: Boydstons
Seattle: Humphrey Radio Serv., 504 E. Pine St.; VDO Television & Elec. Serv. Co., 10115 Aurora Ave.; Home Appliance Co., 2114 N. 45th St.
Tacoma: Northwest Radio, Inc., 907 S. Tacoma Ave.

**STONCO ELECTRIC PRODUCTS CO.,** 333 Monroe Ave., Kenilworth, N.J.
*(Lights and lighting fixtures)*
**Western Warehouses:**
Seattle: 1016 First Ave. S.
Portland: 830 S.E. Alder St.
Los Angeles: 811 E. 14th Pl.
Denver: 1018 Lawrence St.

**STRAIT & RICHARDS INC.,** 23 Selvage St., Newark 8, N. J.
*(Glolog)*
**Direct from factory.**

**STROMBERG-CARLSON CO.,** 100 Carlson Road, Rochester 3, N. Y.
**Distributors:**
Los Angeles: Radio Television & Supply Co. Inc., 341 W. 18th St. (15) (For Calif. and Nev.)
Denver: Hassco Inc., 1745 Wazee St. (For Colo., N.M., Wyo.); D. H. Sluman & Co., 130 W. 12th Ave. (For Ariz.)
Salt Lake City: Standard Supply Co., 531 S. State St. (For Idaho, Nev., Utah)
Spokane: Spokane Paper & Stat. Co., 152 S. Jefferson St. (8) (For Idaho, Mont., Ore., Wash.)

**STROMBERG TIME CORP.,** 109 Lafayette St., New York (13), N. Y.
**Dealers:**
*(carry supplies and repair parts)*
Los Angeles: D. J. Burton, Stromberg Time Corp., 1817 Third Ave. (19)
San Francisco: H. B. Mattoon, Stromberg Time Corp., 420 Market St. (11)
Seattle: Eicher & Co., 263 Coleman Bldg. (Covers Spokane also)
Ogden: G. W. Goddard Co., 24th St. and Wall Ave.
Denver: E. L. Taylor, 916 Broadway

**SUNBEAM CORP.** (formerly Chicago Flexible Shaft Co.), 5600 Roosevelt Rd., Chicago 50, Ill.
*(electric appl., lawn sprinklers, industrial furnaces)*
**Service Stations:**
Tacoma: Ajax Elec. Co., 747 Fawcett Ave.
San Francisco: Sunbeam Appliance Service Co., 657 Mission St. (8)
Seattle: Howell's Elec. & Supply Co., 522 Union St. (1)
Spokane: Appl. Parts & Service Co., 609 W. Trent Ave.
Portland: W. L. May Co., 215 N. W. Park Ave. (9)
Denver: Midwest Elec. Co., 1124 Santa Fe Ave.
Los Angeles: Sunbeam Appl. Service Co., 737 S. Hope St. (14)
Salt Lake City: Sunbeam Corp., 46 W. 4th South St.
Phoenix: Vinson- Carter Electric Co., 325 N. 4th St.
Albuquerque: Thompson Music Co., 315 N. 3rd St.
Honolulu: Lewers & Cooke Ltd., Sunbeam Serv. Dept., P.O. Box 2930

**SUNBEAM ELEC. MFG. CO.,** Evansville, Ind.
(See Seeger Refrigerator Co.)

SUN-KRAFT HEALTH PRODUCTS INC., 158-164 E. Grand Ave., Chicago 11, Ill.
*(Ultraviolet apparatus)*

SUNROC CO., Glen Riddle, Pa.
*(Sunroc water coolers and purifiers)*
Branch office: 12810 Venice Blvd., Venice, Calif.: P.O. Box 12456, Los Angeles 64, Calif.
**Distributors:**
Tucson: Keenan Pipe & Supply Co., 101 S. 1st St.
Bakersfield: Keenan Pipe & Supply Co., 633 Williams St.
Brawley: Imperial Hdwe. Co.
Calexico: Imperial Hdwe. Co.
Calipatria: Imperial Hdwe. Co.
El Centro: Imperial Hdwe. Co.
Holtville: Imperial Hdwe. Co.
Imperial: Imperial Hdwe. Co.
Indio: Imperial Hdwe. Co.
Modesto: Slakey Bros. Inc., 529 Kansas St.
Oakland: Slakey Bros. Inc., 791 66th Ave.
Pomona: Keenan Pipe & Supply Co., 450 W. Commercial St.
Redlands: Imperial Hdwe. Co.
San Francisco: ABCO Refrigeration Co., 1196 Folsom St.
San Jose: Slakey Bros. Inc., 801 Savaker Ave.
Yuma: Imperial Hdwe. Co.
Denver: Stores Equipment Co.
Billings: Montana Elec. Supply, P.O. Box 13231
Salt Lake City: E. T. Olsen Equipment Co., 1200 S. State St.
Seattle: H. D. Fowler Co. Inc., 9th Ave. S. Lane
Hawaiian Islands: Los Angeles Office
Los Angeles: Keenan Pipe & Supply Co., 2112 E. 27th St.;
Sacramento: Slakey Bros Inc., 1400 N. C St.
San Diego: Industries Supply Co., 345 5th Ave.

SUPERIOR ELECTRIC PRODUCTS CORP., Cape Girardeau, Mo.
*(Superlectric household heating appliances)*
**Service Station:**
Los Angeles: J and S Co., 43-56 W. 3rd (5)

SUPERSTAR APPL.
(See Stern-Brown, Inc.)
SURF ELEC. APPL.
(See G-M Laboratories)

THE A. O. SUTTON CORP., 1812 W. 2nd St., Wichita, Kans.
*(Vornado Air Circulators)*
**Distributors:**
Phoenix: Arizona Hardware Co., 1st & Jackson Sts.
Los Angeles: Sues, Young & Brown Inc., 3636 S. Bronson Ave.
San Francisco: Leo J. Meyberg Co. Inc., 32 Gough St.
El Centro: Electric Supplies Dist. Co., 398 Broadway
Fresno: Leo J. Meyberg Co., 2930 Butler St.
San Diego: Electric Supplies Dist. Co., 435 2nd Ave.
Portland: Lou Johnson Co., 422 N.W. 8th Ave (9)
Billings: N. W. Auto Supply Co., 424 N. Broadway
Salt Lake City: Pembroke Co., 24 E. Broadway
Denver: Buerger Bros. Supply Co., 1732 Champa
Spokane: Inland Empire Wholesalers, 110 So. Wall St.
El Paso: Sunland Supply Co., 1200 E. Missouri St.
*(Vornado Air Conditioners)*
Phoenix: Arizona Hardware Co., 1st & Jackson Sts.
El Centro: Electric Supplies Dist. Co., 398 Broadway
Los Angeles: Sues, Young & Brown Inc., 3636 S. Bronson Ave.
San Diego: Electric Supplies Dist. Co., 435 2nd Ave.
San Francisco: Kaemper & Barrett, 1850 Mission St.
Denver: Buerger Bros. Supply Co., 1732 Champa
Billings: N. W. Auto Supply Co., 424 N. Broadway
Portland: Lou Johnson Co., 422 N.W. 8th Ave.
Salt Lake City: Pembroke Co., 24 E. Broadway

SWEDEN FREEZER MFG. CO., 3401 17th Ave. W., Seattle 99, Wash.
*(Sweden Speed Juicer)*
**Factory service only.**

SYLVANIA ELEC. PRODUCTS, INC., 1740 Broadway, New York 19, N.Y.
**Service Stations:**
San Francisco: Service Radio Wholesale, 1357 Post St. (9)
Los Angeles: Ionic Equipment Co., 1705 N. Kenmore (27)

TECHNICAL APPLIANCE CORP., Sherburne, N. Y.
*(Taco Antennas)*
**Representatives:**
Los Angeles: Lee H. Owens Co., 2331 W. Washington Blvd.
San Francisco: David H. Ross Co., 1355 Market St.
Seattle: J. J. Backer Co., 2321 2nd Ave.

TELECHRON DEPARTMENT, General Electric Co., Ashland, Mass.
*(Clocks)*
**Service Stations:**
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.
Fresno: The Clock Shop, 1418 Fulton St.
Long Beach: Calif. Elec. Service Inc., 1407 E. 4th St.
Los Angeles: Calif. Elec. Service Inc., 832 S. Alvarado St.
Oakland: The Clock Shop, 144 E. 14th St.
Sacramento: Lam-Co Elec., 1415 21st St.
San Diego: J. F. Zwiener Elec. Co., 1242 First Ave.
Santa Barbara: Mel-Time Repairs, 20 W. Carrillo St.
San Francisco: Calif. Elec. Service Inc., 168 First St.
Colorado Springs: Modern Service Co., 10 E. Colorado Ave.
Denver: Mint Radio Service, 339 13th St.
Billings: Billings Elec. Supply Co., 214 N. 30th St.
Butte: Radio Eng. Service, 219 W. Park St.
Albuquerque: Riedling-Thompson Music Co., 315 Third St., N.W.
Portland: B. W. Cobb Watch & Clock Shop, 220 Alder St.
Ogden: Coray Clock & Appl. Service, 2420 Grant Ave.
Salt Lake City: Time & Instrument Co., 57 Richards St.
Seattle: The Clock Shop, 325 Joshua Green Bldg.
Spokane: Harry's Elec. Clock Hospital, So. 175 Post St.
Cheyenne: Schmitt's Jewelry, 614 21st St.

TENNESSEE VALLEY MARKETERS INC., Gambill Bldg., Nashville, Tenn.
**Distributors:**
El Centro: Independent Hdwe. Co. (churns, space heaters)
Los Angeles: U. S. Grant Supply Co., 1154 So. Hill St. (water heaters)
Butte: General Electric Supply Co. (churns)
Denver: Hassco, Inc., 1745 Wazee St. (churns)
Portland: General Electric Supply Co., 230 N.W. Broadway (churns)
Seattle: General Electric Supply Co., 1212 First Ave. S. (churns)
Phoenix: Southwest Cooperative Wholesale Co., 1821 Jackson St.

THERMADOR ELECTRICAL MANUFACTURING CO., 5119 District Blvd., Los Angeles 22, Calif.
*(Thermador elec. space heater, water heaters and ranges)*
**Factory at L. A. handles all service for Southern California, Arizona and New Mexico**
**Service Stations:**
Redding: C. P. LeBrun, 1439 Butte St.
San Francisco: Electrical Appliance Service Co., 1434 Howard St.
Portland: Bressie Elec. Co., 909 S. W. 5th Ave.
Las Vegas: Miller Elec. & Eng. Co., 13 W. Charleston Blvd.
Fresno: Leonard F. Ballmer, 737 Olive Ave.
Eugene: Hamilton Elec. Co., 232 W. 5th St.
Medford: Trowbridge & Flynn Elec. Co., 214 W. Main St.
Spokane: Spokane Appl. Repair, So. 173 Wall St.
Sacramento: Lam-Co Electric, 1415 21st St.
Pasco: Electric Appl. Center, 124 N. 4th St.
Seattle: J. M. Hooper Elec. Co., 222 Marion St.
Tacoma: Ajax Elec. Co., 747 Fawcett Ave.
**Parts Distributors:**
San Francisco: Frank Edwards Co., 382 6th St.
Eugene: Eoff Electric Co., 65 W. 6th St.
Portland: Eoff Electric Co., 509 N.W. 10th Ave. (9)
Salem: Eoff Electric Co., 156 N. Front St.

THERMO-MAT CO., 814 S. Robertson Blvd., Los Angeles 35, Calif.
*(Electrically heated neoprene floor mat)*

THOR CORP., Cermak Road & 54th Ave., Chicago 50, Ill.
Service dept.: 2010 So. Marshall Blvd., Chicago 23, Ill.
**Factory parts depots and service stations:**
**Distributors:**
Phoenix: Appliance Distributors, 213 S. 11th Ave.
Billings: Parker Montana Co., 511 N. 21st St.
Seattle: Appliance Parts & Service Co., 214 Stewart St. (1)
Spokane: Appliance Parts & Serv. Co., 609 Trent
Portland: W. L. May Co., 215 N.W. Park Ave.
Sacramento: Al Bedard's Parts Supply, 1626 N. C St.
San Francisco: Washing Machine Parts Co., 45 Rhode Island St.
Los Angeles: Washing Machine Parts Co., 1241 So. Hope St. (15); Elect. Appl. Serv. Co., 726 W. Venice Blvd.
San Diego: Washing Machine Parts Co., 1743 India St. (1); Elect. Appl. Serv. Co., 302 17th St. (2)
Denver: Savage & Son Inc., P.O. Box 5546 (17); Ray Jones, 376 S. Broadway
Salt Lake City: Walter B. Lloyd Co., 51 S. 2nd West St.; A-1 Master Elec. Shop, 47 E. 4th St.
Albuquerque: Bill Jones Wash. Machine Service, 4201 E. Lunado

TITAN MFG. CO. INC., 701 Seneca St., Buffalo 10, N. Y.
**Service Stations:**
San Francisco: Electrical Appliance Service Co., 1434 Howard St.
Seattle: Appliance Service Station, 1220 Westlake Ave. No.; Appliance Parts & Service, 216 Stewart St.
Los Angeles: Calif. Elec. Service Co., 832 S. Alvarado St. (5)
Butte: Radio Engineering Service, 219 W. Park St.
Denver: Western Appliance & Electric, 1159 Stout St.
Portland: Bressie Electric, 909 S. W. 5th Ave.
Spokane: Appliance Parts & Service.

TOASTMASTER (See McGraw Electric Co.)

TOASTSWELL CO., 620 Tower Grove Ave., St. Louis 10, Mo.
*(Toastwell products)*
**Service Stations:**
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.
San Francisco: California Electric Service Inc., 168 1st St. (5)
Portland: Bressie Electric Co., 909 S.W. 5th Ave. (4); Bressie Appliance Service Co., 79 S.W. Oak St. (4)
Spokane: Warranty Radio & Appliance Service, 1024 W. First Ave.
Seattle: A Appliance Co., 610 E. Pine St. (22)
Tacoma: Ajax Elec. Co., 747 Fawcett Ave.
Billings: Billings Electric Supply Co., 214 N. 30th St.
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Denver: Denver Appliance & Elec. Co., 1159 Stout St.
Long Beach: Calif. Elec. Service, 1407 E. 4th St.
Los Angeles: Calif. Elec. Service, 832 S. Alvarado
San Diego: Electrical Appl. Service Co., 302 17th St.
Honolulu: Coleman Co. Ltd., P.O. Box 2758, 29 King St.

TORK CLOCK CO., 1 Grove St., Mt. Vernon, N. Y.
**Representatives:**
Los Angeles: Allied Industries, 412 Seaton St. (13)
San Francisco: Eichorn & Melchoir, 501 Indiana St.
Seattle: Freeman C. Scharr, 441 Dexter Horton Bldg. (4)
Salt Lake City: Stevens Sales Co., 1482 Major St.
Denver: L. S. Reed & Co., 1018 Lawrence St.

TRAV-LER RADIO CORP., 571 W. Jackson Blvd., Chicago 6.
*(Television, radio and record players)*
**Distributors:**
Albuquerque: Allied Wholesale Dist., 3004 West Central
San Francisco: Associated Radio Dist., 1251 Folsom St.
Denver: Associated Radio Distributors, 1842 S. Broadway
Seattle: Washington Distributors, 2521 2nd Ave.
Los Angeles: The Corwin Co., 1147 S. Hope
Portland: Florence Dist. Co., 1132 N.W. Glisan
Remaining western territories serviced from Chicago office or factory

TRAYWAY MFG. CO., 2973 Mission St., San Francisco, Calif.

TREND CLOCKS, INC., 201 E. Main St., Zeeland 2, Mich.
**Service Station:**
Los Angeles: Davis Distributing Co., 427 S. Western Ave. (5)

TRENT, INC., 201-299 Leverington Ave., Philadelphia 27, Pa.
*(Trent elec. heaters, hot plates, kettles, ovens, furnaces)*
**Representatives:**
Los Angeles: Kirk-Palka Co., 415 Wall St. (13)
San Francisco: Kirk-Palka Co., 420 Market St. (11)
Portland: Pac. Elec. Sales Co., 140 S.E. 28th Ave. (15)
Denver: Earl S. Rau, 1671 Colorado Blvd. (7)
Salt Lake City: Mine & Smelting Supply Co., 121 W. 2nd St. So.

TRILMONT PROD. CO., 24th and Walnut St., Philadelphia 3, Pa.
*(Trilmont safety heaters and heater dryers)*
**Factory service**

TRUSCON STEEL DIVISION, Republic Steel Corp., Youngstown 1, Ohio

TYLER FIXTURE CORP., Niles, Mich.
*(HarderFreez home freezer)*
**Representatives:**
Phoenix: Gordon E. Wilkins, Ironers Inc., 2531 N. 15th St.
Los Angeles: Gordon E. Wilkens Ironers Inc., 128 S. Alameda St.
Oakland: Gordon E. Wilkins, Ironers Inc., 3100 Telegraph
San Francisco: Gordon E. Wilkins, Ironers Inc., 1355 Market.
Billings: Taylor Distr. Co., 4148 First Ave., S.
Bend: Oregon Equip. Co., 165 E. Greenwood
Klamath Falls: Oregon Equip. Co., 203 So. Riverside
The Dalles: Oregon Equipment Co., 105 E. 2nd St.
Salt Lake City: Deseret Appl. Dist. Inc., 142 S. 5th, W.
Seattle: Freezer Distributors Inc., 418 8th Ave., N.
Spokane: E. S. Matthews Inc., 151 S. Post St.

**UNIVERSAL APPLIANCES (See Landers, Frary & Clark)**

**U. S. ELEC. HOME PROD. INC., 145 58th St., Brooklyn 20, N. Y.**

**UTILITY APPLIANCE CORP.** (formerly Utility Fan Corp.) ,4851 S. Alameda St., Los Angeles 58, Calif.
*(Utility air coolers)*
**District offices:**
Fresno: Howard Diehl, P.O. Box 2002
Phoenix: Val Lehmann, 1409 E. Solano Drive
Portland: Wm. A. Dozier, 826 N.E. 78th St. (13)

**VACULATOR LINE (See Hill-Shaw Co.)**

**VACUUM CAN CO., 25 S. Hoyne Ave., Chicago 12, Ill.**

**VERPLEX CO., Essex, Conn.**
**Factory service only.**

**VICTOR ELECTRIC PROD., INC., 2950 Robertson Ave., Cincinnati, 9, Ohio**
Victron products
**Service Centers:**
Denver: Midwest Elec. Service Co., 323 Colfax Ave.
San Francisco: Electrical Appliance Service Co., 1434 Howard St.
Portland: Morrison Electric, 1206 S.W. Washington
Seattle: Fellstrom Electric

**VICTROLAS**
(See Radio Corp. of America)

**VIDRIO PRODUCTS CO., 134 W. 54th St., Chicago 9, Ill.**
*(Sterro, Baby Grande and Master Grande portable washers; Waldorf Liqui-Mixer; Air Chief Fans; De Luxe hair dryer)*
**Factory service only and limited to available parts.**

**VIRDEN, JOHN C. CO., Cleveland, Ohio.**

**VORNADO VENTILATING FANS**
(See The A. O. Sutton Corp.)

**VOSS BROS. MFG. CO., Davenport, Iowa**
*(Voss washing machines)*
**Parts Distributors:**
Salt Lake City: A-1 Master Elec. Shop, 47 E. 4th St. S.
Spokane: Spokane Washer Co., 203 W. Main Ave.
Portland: W. T. Dyke Service Co., 12 S. E. 28th Ave.; W. L. May Co., 215 N. W. Park Ave.
Denver: Ray Jones Washing Mach. Parts, 376 So. Broadway
San Francisco: Washing Mach. Parts Co., 1375 Mission St.; Elec. Appl. Service Co., 1434 Howard St. (3)
Los Angeles: Elec. Appl. Parts Service Corp., 726 W. Venice Blvd.; Washing Machine Parts Co., 1241 So. Hope St. (15)
Seattle: Appl. Parts & Serv. Co., 214 Stewart St. (1)
San Diego: Washing Machine Parts Co., 1743 India St. (1)

**WAAGE MANUFACTURING CO., 632 N. Albany Ave., Chicago 12, Ill.**
*(WAAGE Springacto electric iron cords; appliance repair parts)*
Seattle: Appl. Parts & Service Co., 216 Stewart St. (1)
Portland: Bressie Elec. Co., 909 Southwest 5th Ave. (4)
Bakersfield: Urner's Appl. Center, 212 21st St.
San Francisco: Calif. Elec. Ser. Sta., 168 First St. (5); Will M. Aronson, 666 Howard St.; Appliance Elec. Serv. Co., 1434 Harriet St.
Los Angeles: Calif. Elec. Ser. Station Inc., 832 So. Alvarado St. (5)
Spokane: Appl. Parts & Service Co., 609 W. Trent Ave.
San Diego: Electrical Appliance Service Corp., 302 17th St.
Denver: Midwest Elec. Service Co., 1124 Santa Fe Drive (4)
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.

**WALDORF**
(See Philco Corp.)

**WALDORF LIQUI-MIXER**
(See Vidrio Products Co.)

**WARING PRODUCTS CORP., 25 W. 43rd St., New York 36, N.Y.**
*(Waring Blendor and Waring steam iron, Durabilt folding and travel irons)*
**Service Stations:**
Sacramento: Lamco Electric, 1415 21st St.
San Francisco: Appliance Service Factors, 123 Steuart St. (5)
Los Angeles: California Electric Service Inc., 832 S. Alvarado St.
Portland: Morrison Electric Co., 1206 S.W. Washington & 12th Ave. (8)
Denver: Western Appl. & Elec. Co., 1159 Stout St.
El Paso: Wayne M. Tinkler & Co., 2731 E. Yandell
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: Appliance Parts & Service, 216 Stewart St.
Spokane: Appliance Parts & Service Co., W. 609 Trent Ave. (8)
Honolulu: Hawaiian Elec. Co., Ltd., 900 Richards St.

**WARWICK MFG. CORP., 4640 W. Harrison St., Chicago 44, Ill.**

**WATERBURY CLOCK CO.**
(See Ingersoll Div.)

**WATERMASTER ELEC. WATER HEATER (See Collins Concrete & Steel Pipe Co.)**

**WAVERLY PRODUCTS INC. (See Rival Mfg. Co.)**

**WELCH CO., W. W., Glenn Bldg., Cincinnati 2, Ohio**
*(Air Flight circulators)*
**Service Stations:**
Los Angeles: Calif. Electric Service, Inc., 832 S. Alvarado St. (5)
Long Beach: Calif. Electric Service, Inc., 1407 E. 4th St.
San Francisco: Calif. Electric Service, Inc., 168 First St. (5)

**WELLS MFG. CO., 220 Ninth St., San Francisco 3, Calif.**
**Service Stations:**
Los Angeles: Mac & Jack Appl. Repair, 1357 Temple St.
San Diego: J. F. Zwiener Elec'l Co., 1242 1st Ave.
San Francisco: Wells Mfg. Co., 220 9th St. (3)
Portland: Bressie Elec. Co., 909 S.W. 5th Ave.
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Spokane: Appliance Parts & Service Co., W. 609 Trent

**WESIX ELECTRIC HEATER CO., 390 1st St., San Francisco, Calif.**
*(Wesix electric water heaters and room heaters)*
**Branches:**
Seattle: Securities Bldg., 3rd & Stewart (1)
Portland: Terminal Sales Bldg., 12th & Morrison St.
San Francisco: 390 1st St. (5)
Los Angeles: Brockman Bldg., 7th & Grand (14)

**WESTCLOX, Div. of General Time Corp., La Salle, Ill.**
*(Electric clocks)*
**Service Station:**
San Francisco: Schloss Mfg. Co., 540 Mission St. (5)

**WESTINGHOUSE ELECTRIC CORP., 246 E. 4th St., Mansfield, Ohio; Western Office, 1355 Market St., San Francisco 3, Calif.**
*(Ranges, refrigerators, home freezers, Laundromats, dryers, water heaters, Waste-Aways, dish-washers, water coolers, milk coolers, dehumidifiers)*
**Serviced by:**
Westinghouse Electric Supply Co.
Seattle: 1051 First Ave. So. (4)
Spokane: N. 1023 Monroe St. (8)
Tacoma: 1930 Pacific Ave. (2)
Yakima: 13 South 7th Ave.
Portland: 815 N.W. 12th Ave. (9)
Butte: 949 S. Montana St.
Boise: 318 S. Capitol Blvd.
Salt Lake City: 210 Rio Grande St. (14)
Phoenix: 315 W. Jackson St.
Vernon: 4601 S. Boyle St.
Oakland: 711 E. 8th St. (6)
Denver: McCollum-Law Corp., E. 48th Ave. & Colorado Blvd.
Las Vegas: Saviers Elec. Prod. Corp., 101 E. Charleston Blvd.
Reno: Saviers Elec'l Prod. Corp. P.O. Box 531
San Diego: Distributors, Inc. 541 Second Ave. (12)
Honolulu: Hawaiian Electric Supply Co., P.O. Box 459, 900 Clayton St.
*(Irons, waffle irons, sandwich grills, roasters, percolators, hot plates, vacuum cleaners, fans, toasters, Cozy Glows, coffee makers, electric griddles, broiler grids, food mixers and electric bed coverings)*
**Serviced by:**
Seattle: Westinghouse Elec. Supply Corp., 1051 First Ave. S. (4)
Spokane: Westinghouse Elec. Supply Corp., N. 1023 Monroe St. (1)
Tacoma: Ajax Electric Co, 747 Fawcett St.
Portland: Westinghouse Elec. Supply Corp., 1313 N. W. Glisan (9)
Butte: Reliable Radio Sales & Service, 2130 Ottawa St.
Boise: Home Appliance Service, 1519 N. 13th St.
Salt Lake City: Westinghouse Electric Supply Co., 210 Rio Grande St. (14)
Phoenix: Westinghouse Elec. Supply Corp., 315 W. Jackson St.
Albuquerque: Thompson Music Co., 315 N. Third
Las Vegas: Saviers Elec. Prod. Corp., 101 E. Charleston Blvd.
Reno: Saviers Elec'l Prod. Corp., Box 531
Denver: McCollum-Law Corp., E. 48th Ave. & Colorado Blvd.
San Diego: Electric Supplies Dist. Co., 435 Second Ave. (12)
Los Angeles: California Electric Service Co., 832 S. Alvarado St.
Long Beach: California Electric Service Co., 1407 E. Fourth St.
San Francisco: California Electric Service Co., 168 First St.
Honolulu: Hawaiian Electric Supply Co., P.O. Box 459, 900 Clayton St.

**WESTLITE ASSOCIATED LIGHTING SERVICE, 488 Bryant St., San Francisco 7, Calif.**

**WEST WIND CORP., 1800 Airport Way, Seattle, Wash.**

**WHIRLPOOL CORP., St. Joseph, Mich.**
*(Whirlpool washers, electric and gas dryers and ironers)*
**Distributors:**
San Francisco: H. S. Basford Co., 235 15th St.
Los Angeles: Graybar Elec. Co. Inc., 210 S. Anderson.
San Diego: Graybar Elec. Co., 720 State St.
Portland: Electrical Dist. Inc., 140 N.W. 14th Ave.
Spokane: Prudential Dist., S. 151 Stevens.
Salt Lake City: Strevell-Paterson Hardware Co.
Denver: Western Appl. Co., 201 S. Cherokee.
Phoenix: Arizona Hardware, 47 E. Jackson
Long Beach: Graybar Electric Co. Inc., 17th & Daisy Sts.
Butte: Treasure State Gas & Electric Co.
Seattle: Whirlpool Northwestern, 925 Westlake N.
**Parts and Service:**
Los Angeles: Washing Machine Parts Co. Inc., 1241 S. Hope St. (15)
San Diego: Washing Machine Parts Co. Inc., 1743 India St. (1)
San Francisco: Washing Machine Parts Co. Inc., 1375 Mission St. (3)
Denver: Ray Jones Washing Machine Parts & Service Co., 376 Broadway, S.
Boise: Strevell - Paterson Hardware Co., 408 S. 9th St.
Portland: W. L. May Co. Inc., 215 N.W. Park Ave.
Salt Lake City: A-1 Master Electric Shop, 47 E. 4th St.
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Spokane: Appliance Parts & Service Co., 609 W. Trent St. (8)
Honolulu: Motor Supply Ltd., 1257 Kapiolani Blvd. (3)

**WHITE CROSS APPLIANCES**
(See Chicago Electric Mfg. Co.)

**WHITE PRODUCTS CORP., Middleville, Mich.**
*(White elec. water heaters)*
**Parts and service:**
Denver: Austin & Sons Distributors, 1819 Wazee St. (2); Elliott Schmidt Elec. Co., 945 9th St.; Contractors Htg. & Supply Co., 70 Santa Fe Dr. (9).
Salt Lake City: Western Supply Co., 357-9 W. 2nd St. (1)
Boise: Western Supply Co.
Pocatello: Western Supply Co.
Billings, Western Bldrs. Supply, 1510 Montana Ave.

**WHITE SEWING MACHINE CORP., Cleveland 1, Ohio**
*(White sewing machines)*
**Department stores where service and repair work may be obtained.**
Seattle: Frederick & Nelson
Spokane: The Crescent
Portland: Meier & Frank Co.
San Diego: Walker's
San Francisco: The Emporium; Macy's of San Francisco
Oakland: H. C. Capwell & Co.
San Jose: L. Hart & Son Co.
Stockton: Stockton Dry Goods Co.
Fresno: E. Gottschalk & Co.
Los Angeles: The May Co.; Broadway Dept. Store
Denver: The May Co.
Tacoma: Rhodes Bros.
Salt Lake City: Auerbach Co.
Sacramento: Hale's Dept. Store
Phoenix: Korrick's Inc.

**WHITEHEAD MFG. CO., JUD, Fremont, Nebr.**
*(J. W. gas and electric hot water storage heaters)*
Oakland: Jud Whitehead Heater Co., 4111 Broadway

**WIEGAND CO., EDWIN L., 7500 Thomas Blvd., Pittsburgh, Pa.**
*(Chromalox elec. htg. units; Chromalox elec. range top cooking units, water heater replacement units)*
**Serviced by Montgomery Bros.:**
Seattle: 911 Western Ave. (4)
Portland: 1815 N. W. Northrup St. (9)
San Francisco: 1122 Howard St. (3)
Los Angeles: 2133 So. San Pedro St. (1)
Denver: Richards-Conant, 2415 15th St. (11)
**Distributors:**
Tucson: Tucson Elec. Supply Co., 523 E. 10th St.
Bakersfield: Kern Elec. Dist., 3830 Chester Ave.
Fresno: Electrical Suppliers, Inc., 220 M St.; Incandescent Supply Co., 906 N St.
Los Angeles: Incandescent Supply, 833 E. 3rd St.
Oakland: Incandescent Supply Co., 2800 Broadway
Redding: Incandescent Supply Co., 2146 Pine St.
Sacramento: Incandescent Supply Co., 2111 Q St.; Valley Elec. Co., 1831 18th St.
San Diego: Coast Elec. Co., 744 G St.
San Francisco: Montgomery Bros., 1122 Howard St.; J. B. Calder Co., 1017 Howard St.; Incandescent Supply Co., 647 Mission St.
San Jose: Service Elec. Supply Co., 303 W. San Fernando
Santa Rosa: Jobbers Elec. Co., 5th and A Sts.
Stockton: Global Elec. & Mfg. Co., 36 N Commerce St.; Valley Elec. Co., 630 N. Grant
Ventura: Valley Elec. Supply, 188 W. Brooks St.
Denver: Central Elec. Supply Co.; Elliott-Schmidt Elec. Supply Co.; Hendrie & Bolthoff Co.
Boise: Afton Lemp Elec. Co., 415 S. 9th

Billings: Midland Implement Co.; Montana Elec. Supply; Glacier State Elec. Supply
Great Falls: Glacier State Elec. Supply
Kalispell: Kalispell Merc. Co.
Missoula: Missoula Merc. Co.
Reno: Saviers Elec. Products, 601 Sierra St.
Albuquerque: State Elec. Supply Co.
Eugene: C. P. Tillman Co., 215 W. Fifth
Portland: Chown Elec. Supply Co., 112 S. W. 2nd Ave.; Eoff Elec. Co., 509 N. W. 10th Ave.; W. L. May Co., 232 N. W. Park Ave.; North Coast Electric, 625 N. W. Everett; Stubbs Electric, 33 N. W. Park Ave.
Salem: Eoff Elec. Co., 156 N. Front
Salt Lake City: Flint Dist. Co., 316 W 2nd South
Seattle: Appliance Parts & Service, 216 Stewart St.; Globe Elec. Co., 215 2nd Ave. S.; North Coast Elec. Co., 171 Jackson St.; Palmer Elec. Co., 307 Westlake N.
Spokane: Appliance Parts & Service, W. 609 Trent Ave.; Columbia Elec. & Mfg. Co., S. 123 Wall St.
Tacoma: Home Elec. Co. Co., 1316 A St.
Walla Walla: Electric Supply & Fixture Co., 11th & Rose St.
Yakima: Inland Pipe & Supply Co., Front & Walnut

WILCOX-GAY CORP., Charlotte, Mich.
*(Recordio, Recordette, Recordio discs, Recordiopoint needles, Recordio recording tape)*
Branch Office: 2772 W. Olympic Blvd., Los Angeles, Calif.
**Distributors:**
Portland: F. B. Connelly Co., 905 Northwest 12th Ave. (9)
Seattle: F. B. Connelly Co., 1015 Republican St. (9)
Spokane: Prudential Distributing Co. Inc., 151 S. Stevens
Great Falls: Northwest States Supply Co., P.O. Box 2033
Helena: Northwest States Supply Co., P.O. Box 835
Phoenix: Radio Specialties & Appliance Co., 401 W. Jackson St.
Denver: Boyd Distributing Co., 20 W. 13th St. (4)
Butte: Northwest States Supply Co., Box 368
Ogden: Ballard & Carter, 2478 Grant Ave.

WILLIAMS OIL-O-MATIC DIVISION, Eureka Williams Corp., 1201 E. Bell St., Bloomington, Ill.
*(Williams Oil-O-Matic burners, boilers, furnaces and Williams H.P. burners)*
(See also Eureka-Williams Corp.)
Spokane: J. F. Babcock, 222 N. Division St.; Pac. Coast Heating & Appl. Co., W. 1205 College.
Walla Walla: W. R. O'Rourke Plumb. & Htg. Co., 339 S. 2nd St.
Portland: Pac. Coast Htg. & Appl. Co., 1464 N.W. Front Ave.; Power Plant Eng. Co., 4069 N.E. Union Ave. (12)
Salem. Heating Equipment Co., 274 N. 20th St.
Eugene: L. P. Curtsinger, 267 Van Buren St.
San Francisco: E. A. Cornely, Inc., 1277 Howard St.
Oakland: Cooks Oil Co., 1350 Powell St. (8).
Sacramento: Rotary Sierra Co., 1625 N. C St.
Salt Lake City: Red Feather Oil Co., 204 W. 17th S.
Reno: Savage & Son Inc., 628 S. Virginia St.
San Diego: Southwest Supply Co., 510 8th Ave.
Los Angeles: Harry F. Haldeman Inc., 2401 S. Hill St.
The Dalles: R. A. Twiss, 506 E. 2nd
Everett, Wash.; F. M. Haskell P. & H., 3014 Wetmore Ave.; Everett Plbg. & Htg. Co., 2723 Rockefeller St.
Longview: Manning Fuel Oil Co., Vandercook & Commerce
Vancouver, Wash.: Power Inc., 607 W. 11th St.
Missoula: Thrasher Htg. Serv., 612 S. Higgins
Ogden: Weber Fuel Oil Co., 2359 Grant St.
Tremonton, Utah: J. G. Burgess Co., 131 So. First E.
Boise: Ryan Automatic Heating Co., Route No. 2; Foster Htg. Ser., 2620 Broadway
Idaho Falls: Idaho Falls Produce & Supply Co., Box 337
Olympia: Acme Fuel Co., 416 State St.
Seattle: Pac. Coast Heating & Appl. Co., Foot of Main St.
Yakima: Buren Sheet Metal Co.
Caldwell, Ida.: Heating Equipment Co., 608 Main St.
Nampa, Ida.: Shaw Sheet Metal, 115 14th Ave. S.
Twin Falls, Ida.: Abbotts Plumbing & Appliance Co., 740 Shoshone St. W.
Weiser, Ida.: Benson & Bates Plumbing, Heating & Electric Co., 1006 W. 5th St.

WINSTED HARDWARE MANUFACTURING CO., Winsted, Conn.
*(Waring and Durabilt appliances)*
**Service Stations:**
Long Beach: Calif. Elec. Serv. Co., 1407 E. 4th St.
Sacramento: Lamco Electric, 1415 21st St.
San Francisco: Appliance Service Factors, 123 Steuart St. (5)
Los Angeles: Calif. Elec. Serv. Inc., 832 So. Alvarado St. (5)
Portland: Bressie Electric, 909 S.W. 5th Ave.; Morrison Elec. Co., 1206 S.W. Wash. at 12th Ave. (8)
Denver: Western Repair & Electric Co., 1203 California St.
Salt Lake City: Appliance Service Center, 57 Richards St.
El Paso: Wayne M. Tinkler & Co. Ltd., 2731 E. Yandell
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Spokane: Appliance Parts & Service Co., W. 609 Trent Ave. (8)
Honolulu: Hawaiian Elec. Co. Ltd., 900 Richards St.

WOOD CO., JOHN, Conshohocken, Pa.; Chicago, Ill.

WOOLWINE ELEC. RANGES
(See Thermador Elec. Mfg. Co.)

WROUGHT WASHER MFG. CO., 2177 South Bay St., Milwaukee 7, Wis.
*(Washers, metal, Stampings, dies)*
**Representatives:**
Seattle: Hughson & Merton, 269 Colman Bldg (4)
Salt Lake City: Hughson & Merton, 509 Benson Bldg. (1)
San Francisco: Hughson & Merton, 1270 Bush St. (9)
Los Angeles: Hughson & Merton, 3209 Glendale Blvd.

YOUNG CORP.
(See Frantz Mfg. Co.)

ZENITH RADIO CORP., 6001 Dickens Ave., Chicago, Ill.
**Distributors:**
Phoenix: Electrical Equipment Co. of Ariz., 1st Ave. at Madison
Fresno: B. J. DeJarmatt Wholesale Co., 223 Fulton St.
Los Angeles: Sues-Young & Brown, 3636 S. Bronson Ave.
Sacramento: Brolli-Parks Co., 2225 19th St.
San Diego: Elec. Supplies Dist. Co., 435 2nd Ave. (12)
San Francisco: H. R. Basford Co., 235 15th St.
Denver: Western Appliance Corp., 201 S. Cherokee St.
Billings: Midland Implement Co., 2301 Montana Ave.
Portland: Electrical Dist. Inc., 140 N.W. 14th Ave. (9)
Salt Lake City: W. H. Bintz Co., 433 W. 3rd St. S.
Seattle: Seattle Hdwe. Co., 501 First Ave., S. (14)
Spokane: Columbia Electric & Mfg. Co., 123 S. Wall St. (8)
Amarillo: Nunn Elec. Supply Corp., 105 Polk St.
El Paso: Albert Mathias Co., 111-119 S. Mesa Ave.

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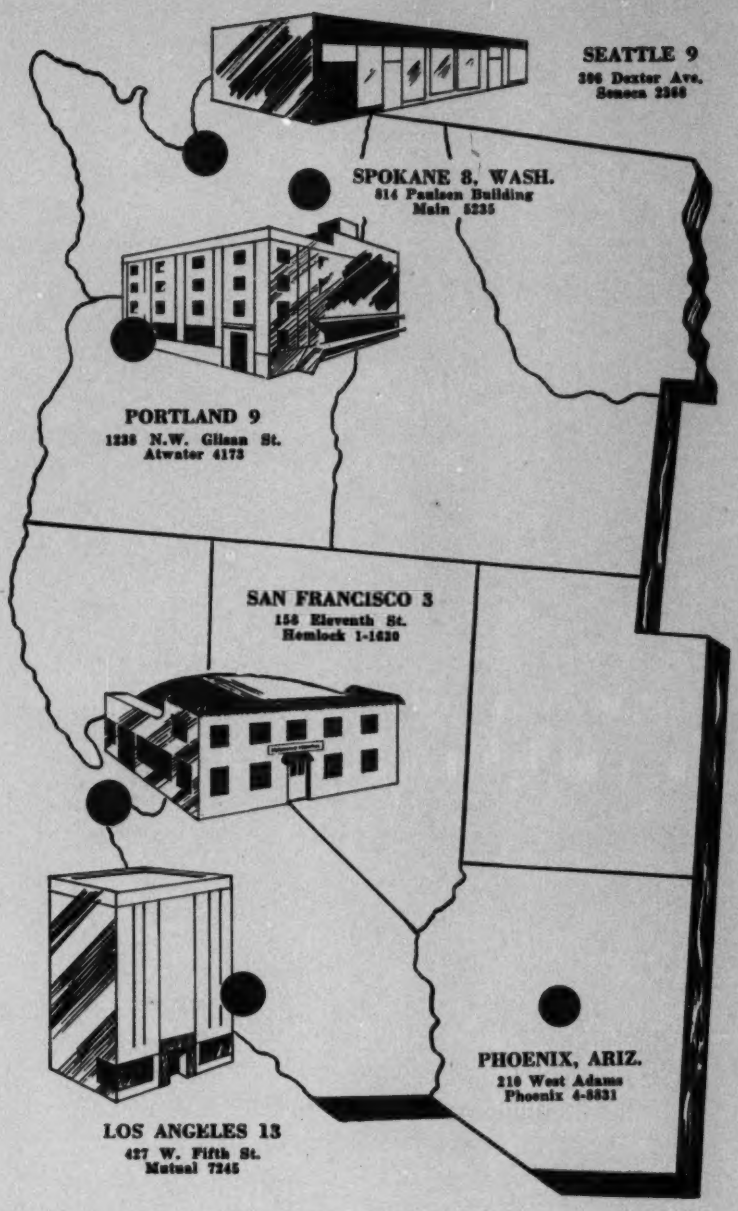


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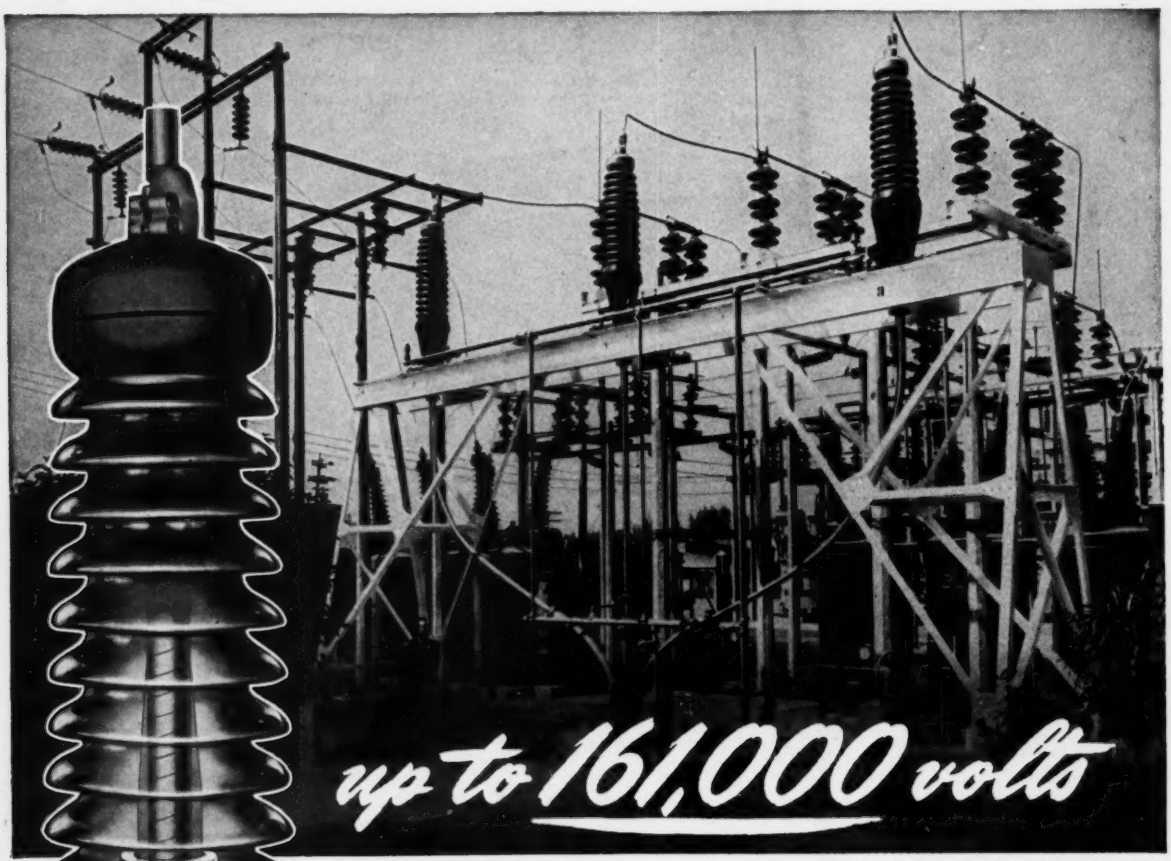

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